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CCTV PRODUCTS

Catalog July 2016 rev.00

TELEA

High Definition IP Cameras - High Tech Surveillance Systems - Industrial & Critical Application

TELEA

CCTV PRODUCTS

CCTV CAMERAS

TELEA

DOVEXPTZWWI

PTZ unit with integrated camera housing ATEX certified, complete with sunshield, wiper and camera. Protection degree II2GEx d op pr IIC T6T, made of AISI316L Stainless steel. Complete with telemetry receiver RS485 with Pelco-D protocol and Sony camera module inside. Preset function. Horizontal movement: +/-180°, speed 0-18°/sec. Vertical movement +/-90°, speed 0-9.5°/sec. Backlash <0.1°. Operating temperature: -20°C/+55°C. Power supply: 24Vac - 95W max. Weight 47Kg. Telea camera with FULL HD 1080p60, 1/2.8" Exmor CMOS progressive scan sensor, AF Auto IRIS with innovative management of 60 images for second. IDEAL FOR MOVING IMAGES and INDUSTRIAL PROCESS SUPERVISIONING. Optical zoom x20, digital x12, f=4.6 mm~138 mm, F1.6~F4.7. Min. 1.7Lux (color) / 0.3Lux (B/W, ICR On). Settings AE, AWB, AGC, TDN, DNR, BLC, WDR, DSS, EIS. Compression (H.264/MJPEG). SD/SDHC card slot for local recording on board. ONVIF, PSIA standard. Power camera 12Vdc/24Vac.

DOV.57

SONY
Camera module inside

TN-B220CSA

PTZ Positioning unit with IP camera 1080p60 FULL HD (TN-B220CSA 1/3" Progressive scan CMOS sensor, 2 Megapixel 1920x1080, SONY module inside, with innovative management of 60 images per second. IDEAL FOR MOVING IMAGES and INDUSTRIAL PROCESS SUPERVISIONING, Optical zoom x20, digital x12, f=4.6 mm ~ 138 mm, F1.6 ~ F4.7, Min. Normal: 1.7Lux (color), 0.3Lux (B/W, ICR On) with 50IRE; High Sensitivity: 0.5Lux (color), 0.095Lux (B/W, ICR On) with 50IRE. Mechanical IR cut filter for a real "day & night" control (ICR). Image enhancement AE, AWB, TDN, WDR, DSS, ASER (Auto Slow Exposure Response). Quad Streaming (Primary: H.264, Secondary x 3: H.264/MJPEG). SD/SDHC slot for local registration on card confirmed to ONVIF, PSIA standard. Body in die-cast aluminum. Variable speed up to 100°/s. Horizontal continuous rotation. Vertical rotation -90°/+40°. Wiper, internal ventilation and built-in heater. Integrated infrared LED (optional) with a range up to 100m. Multiprotocol serial interface RS485 (Pelco-D, Pelco-P 2400/4800/9600). 256 preset positions. Terminal block Video/Power/RS485 protected from surges. Operating temperature: -35°C/+55°C. Power supply 24Vac @ 55W.

DOV.57.IR100

PTZ Positioning unit with IP camera FULL HD, complete with two integrated infrared LEDs with a range up to 100m. Other features as DOV.57.

DOV.57T

PTZ Positioning unit with IP camera 1080p50/60 FULL HD (TN-B230CSLX Sensor 1/2,8" Progressive scan CMOS, 2 Megapixel 1920x1080, SONY module inside, 60fps. IDEAL FOR HIGH SPEED IMAGE and INDUSTRIAL PROCESS SUPERVISIONING. Optical zoom x30, digital x12, f=4.3- 129 mm, F1.6-F4.7, Min. Normal: 1.4Lux (color), 0.05Lux (B/W, ICR On) with 50IRE; High sensitivity: 0.35Lux (color), 0.013Lux (B/W, ICR On) with 50IRE. Other features as DOV.57.

NEW

DOV.56.IR300

SDZ2030S-N
Camera module inside

PTZ Positioning with camera 1/2.8" Mega pixel CMOS image sensor high performance DSP, the highest support 1920x1080 / 30 fps HD video output. Super wide dynamic effect and image noise reduction function. Body in die-cast aluminum, variable speed up to 100°/s. Horizontal continuous rotation. Vertical rotation -90°/+40°. Wiper, internal ventilation and built-in heater. Integrated infrared LED with a range up to 300m (Light angle 48° / 30° / 14°(300m); Wavelength: 850nm. Multiprotocol serial interface RS485 (Pelco-D 2400/4800/9600 Pelco-P 4800/9600). 256 preset positions. Video/power/RS485 terminal protected from surges. Connection electrical wiring for video/data (length: 7 m) provided. Operating temperature: -30°C/+60°C. Power supply 24Vac/24Vdc @ 108W max (25W heater, 48W lamps).

TN-B220CSA

Camera 1/2.8" Exmor CMOS sensor, max. 30fps @ 1920 x 1080, Optical zoom x20, digital x12, f=4.6 ~ 138 mm, F1.6 ~ F4,7 Quadruple Streaming (Primary: H.264, Secondary x3: H.264/MPJPEG), RS-485 communication. Various type of protocol supported. Motion Detection for Instant Alarm & Recording, Two way audio communication (G.711/AAC) ONVIF, PSIA Compliant SD card, FTP recording, PoE (Power over Ethernet): 802.3af. Adjustable video bit-rate: 32Kbps ~ 16Mbps for primary video, 32Kbps ~ 4Mbps for secondary video Composite / HDMI / HD-SDI Video output (optional), WDR (Wide Dynamic Range).

TN-B230CSLX

Camera H.264/MJPEG, 1080p50/60, Optical zoom x30, True WDR, Edge Storage, IVS (Intelligent Video System), Google Drive, Quadruple Streaming, Composite / HDMI Output (Optional), 0.2Lux (color), 0.01Lux (B/W) with 50IRE.

IP CAMERAS & PTZ

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Model	Description
TU-B800C	Camera H.264/MJPEG, 25fps @ 3840x2160, HDMI output 1080p60, Noise filter, Edge Storage, Quadruple Streaming, PoE, Dual Audio Codecs supported: AAC / G.711.
TCAM-B200CE	Camera H.264/MJPEG, 1080p50/60, 1/2.8" CMOS progressive sensor, True WDR @ 1080p60, 0.07Lux (Color), 0.001Lux (B/W) with 50IRE, Hybrid CBR, De-Mist, IVS (Intelligent Video System), Edge Storage, Quadruple Streaming, PoE.
TCAM-4322	Day & Night Camera 1/2.8'' CMOS Sensor Max resolution 1920x1080 30fps with H.264/MJPEG compression. Day: 0,07Lux (F1.2, 2s con 50IRE) / Night: 0,001Lux (F1.2, 2s with 50IRE). SD / SDHC Card Slot for Local Storage ONVIF, PSIA compliant FTP Recording, composite video output. Power supply 12 Vdc/1.5, max 6W, Poe 802.3af.
TCAM-4712BIR	Camera H.264/MJPEG, 1080p25/30, 1/2.8" CMOS progressive sensor, TDN, f= 4.8 ~ 57.6 mm, motorized zoom, IVS, Google Drive, Edge Storage, Day: 0.07Lux (F1.2, 2s with 50IRE) / Night: 0.00Lux (IR LED On). Protection degree: IP66.
TCAM-4322BIR	Camera H.264/MJPEG, 1080p25/30, 1/2.8" CMOS progressive sensor, TDN, f= 2.8 ~ 11mm, F1.2 MP lens, IVS, Google Drive, Edge Storage, Day: 0.07Lux (F1.2, 2s with 50IRE) / Night: 0.00Lux (IR LED On). Protection degree: IP66.
TN-B2202CEIR	Camera H.264/MJPEG, 1080p50/60, True WDR @ 1080p30, Day: 0.1Lux (F1.2 with 50IRE) / Night: 0Lux (IR LED On), Hybrid CBR, De-Mist, IVS, Google Drive, Edge storage. Protection degree: IP66. Quadruple Streaming, PoE.
TN-D1202CEIR	Camera H.264/MJPEG, 1080p50/60, True WDR @ 1080p30, Day: 0.1Lux (F1.2 with 50IRE) / Night: 0Lux (IR LED On), Hybrid CBR, De-Mist, IVS, Google Drive, Edge storage. Protection degree: IP68. Vandal Proof Dome, Quadruple Streaming, PoE.
TN-D2203CEIR	Camera H.264/MJPEG, 1080p50/60, Optical x3 by Remote Focus, True WDR @ 1080p30, De-Mist, Tamron HD Compact zoom lens, IVS (Intelligent Video System), Google Drive, Edge Storage, Quad Streaming, PoE, Day: 0.1Lux (F1.2 with 50IRE) / Night: 0Lux (IR LED On).
DS-2DF5274-A	Camera with 1/3" CMOS progressive sensor, max 25 fps @ 1280x960. Optical zoom x20, digital x16, f=4.7 ~ 94 mm. Triple Streaming H.264, MJPEG, MPEG4. 0.05Lux @ F1.4 (color), 0.005Lux @ F1.4 (B/W). ICR (3D DNR, BLC), Digital WDR, various types of protocols supported. 256 presets, 8 patrol, 4 pattern. Power supply: 24Vac, 40W max.
DS-2CD2512F-I	IP mini dome vandal outdoor protection. Optical 2.8 mm, 1/3" CMOS progressive sensor. Max 25fps, 1280x960 resolution. 0.01Lux @ F1.2 (AGC On), 0Lux with IR. IR range: 10m. Day & Night. Protection degree: IP66. Power: 12Vdc / PoE 5W max. Operating temperature: -30°C/+60°C.
DS-2CD2012F-I	IP bullet camera lens 4mm / 6mm (optional). 1/3" CMOS progressive sensor. Max 25fps 1280x960 resolution. 0.01Lux @ F1.2 (AGC On), 0Lux with IR. Real-time 3D video DNR, DWDR & BLC. IR LEDs: up 30 m. Protection degree: IP66. Power supply 12Vdc / PoE 7W max. Bracket for wall mounting included. Operating temperature: -30°C/+60°C.
B-600MW	Wall mounting bracket. Applicable to TN-P3XXXX Series.
B-600MC	Ceiling mounting bracket. Applicable to TN-P3XXXX Series.
B-600MP	Pole mounting bracket. Applicable to TN-P3XXXX Series.
B-600MI	Internal wall mounting bracket. Applicable to models: TN-P3230CSLX, TN-P3220CSA.
B-500MW	Wall mounting bracket. Applicable to TN-P1XXXX Series.
B-500MR	Corner mounting bracket. Applicable to TN-P1XXXX Series.

IP CAMERAS & PTZ

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DOVEXPTZWWS

PTZ unit with integrated camera housing ATEX certified, complete with sunshield, wiper and camera. Protection degree II2GEx d op pr IIC T6T, made of AISI316L Stainless steel, complete with telemetry receiver RS485 with Pelco-D. Preset function. Horizontal movement: +/-180°, speed 0-18°/sec. Vertical movement +/-90°, speed 0-9.5°/sec. Backlash <0.1°. Operating temperature: -40°C/+55°C. Power supply: 24Vac, 80W max. Weight 25Kg. Samsung camera "Day-Night" WDR, IR filter removal DSP COL and B/W. 1/4" Super HAD CCD sensor, 752x582 pixels, 600HTVL, 0.7Lux (color) and 0.07Lux (B/W), F1.6. Optical zoom x37, 3.3-129.5 mm, digital x16. 8 Preset, BLC/HLC, Detection activities, Privacy masking, Receiver RS-485, STW Samsung and Pelco-D protocols, Internal Sync and Line-lock. Power supply 12Vdc/24Vac.

Samsung camera module inside

DOV.54S

PTZ unit with integrated camera housing IP67 (useful internal dimensions: 96x81x215 mm). Made of Stainless Steel AISI316L. Samsung camera "Day-Night" with WDR, IR filter removal DSP COL and B/W. 1/4" Super HAD CCD sensor, 752x582 pixels, 600 lines (H), 0.7Lux (color) and 0.07Lux (B/W), F1.6. Optical zoom x37, 3.3 to 129.5 mm and digital zoom x16. Receiver RS-485, STW Samsung and Pelco-D protocols, Internal Sync. Pan-tilt speed adjustable 360° (+/-180°). Pan speed 0-18°/sec, Tilt speed 0-9,5°/sec. With sunshield and heater/demister. Operating temperatrure: -20°C/+55°C. Power supply: 24Vac DC 50/60Hz, 80W.

DOV.54WWS

PTZ unit made of electropolished Stainless Steel AISI316L, IP67. Integrated wash wiper. Other features as DOV.54S.

T15CD692S

Speed dome camera outdoor in Stainless Steel AISI316L day&night 1/4" ExView HAD CCD SONY FCB-EX1010P. >530HTVL, Optical zoom x36, f=3.4 mm (wide) to 122.4 mm (tele), F1.6 to F4.5, digital zoom x16. High sensitivity for low levels of brightness. Advanced image control features: Auto, Manual, Priority mode (shutter priority & iris priority), Bright, EV compensation and Backlight, Slow AE. Auto-focus with manual correction. High-performance Pan/Tilt/Zoom mechanism. 256 programmable preset positions. 2 programmable tours. Privacy mask function with 24 zones. Configuration and control via RS485, Pelco D/P protocol. Power: 24Vac@2A (50/60Hz). Operating temperature: -30°C/+60°C. IP66 enclosure complete with fan and anti-condensation heater, sunshield, clear bubble, wall bracket.

DOV.51

Compact PTZ positioning unit within SONY FCB-EX1020P camera module. High resolution 550TVL. 1/4" EXview HAD CCD progressive sensor. 1.4Lux (F1.6 with 50IRE). Optical zoom x36, F1.6/F4.5, digital zoom x12. WDR, Electronic Image Stabilizer, A-ICR, noise reduction, Sync system, S/N ratio >50dB. High strength alloy aluminum body. Variable speed: up to 80°/s (Pan), up to 60°/s (Tilt). Horizontal continuous rotation. Vertical rotation -90°/+90°. Dynamic video masking of different areas. Built-in wiper. Night lighting laser range: 10-400m. Multiprotocol RS485 interface control (Pelco-D 2400/4800/9600 Pelco-P 4800/9600). 256 preset positions. 4 alarm input, 1 alarm output. Video/power/RS485 lightning protection. Operating temperature: -30°C/+60°C. Power supply 24Vac@55W. (NTSC version also available).

DOV.51M

Compact PTZ positioning unit within SONY FCB-EX1020P camera module and MIL-STD connector.
Other features as DOV.51.

DS-2AE5230T-A

Speed analog dome unit with 1/3" CMOS sensor, 1920x1080. 0.02Lux@F1.6 (color), 0.002Lux@F1.6 (B/W). Optical zoom x30, digital x16. Horizontal continuous rotation. Pan speed 300°/s preset (0.1°-250°/s manual). Tilt speed 200°/s preset (0.1°-150°/s manual). 256 presets, 8 patrol, 4 pattern. RS485 serial interface and multi-protocol Up the Coax. Protection degree: IP66. Operating temperature: -30°C/+65°C. Power supply: 24Vac@20W max.

ANALOG CAMERAS & PTZ

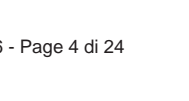|		
JVC9200		Camera Easy Day&Night, 1/3" color and B/W DSP, 580 lines (H), High sensitivity at low levels of brightness. 0.025Lux (color) and 0.015Lux (B/W), F1.2, BLC, Auto Iris. DC Drive, S/N 52dB, C/CS, Internal Sync. E Line-lock. Power: 24Vac/12Vdc.
SCB-5000P		High resolution 1280H Samsung professional camera, Colour/Mono 1000TVL 1/3" CMOS sensor. Electrical Day/Night. Sensibility: 0.03Lux@F1.2, 50IRE (color), 0.01Lux@F1.2, 30IRE (B/W). Digital zoom x16. DC auto iris, C/CS, internal sync, S/N ratio >52dB with AGC off and Weight on, 24 privacy mask areas, SSDR, noise reduction with SSNRIV, Defog, multilingual monitor menu, camera titration 15 characters, BLC / HLC, digital image stabilization, Motion Detector, Antitampering. Programming through coaxial cable. Dimensions: 70x47.3x99.7 mm. Operating temperature: -10°C/+55°C. Dual power supply (24Vac/12Vdc), consumption 3.7W.
SCB-5000PH		High resolution 1280H Samsung professional camera, Colour/Mono 1000TVL 1/3" CMOS sensor. Power supply 230Vac, consumption 3.7W. Other features as SCB-5000P.
SCB-3000P		High resolution Samsung camera Day/Night, ICR filter, 600TVL (color) - 700TVL (B/W). 1/3" CCD progressive sensor. Sensibility: 0.3Lux@F1.2 with 50IRE (color), 0.01Lux@F1.2 with 50IRE (B/W). Internal Sync/LineLock, S/N ratio >52dB, 12 areas of polygonal privacy mask, digital zoom x16, multi-language OSD menu monitor, camera titling, Sens up 512x, HLC, WDR up to 160x, DIS and noise reduction with SSNRIII, control over coax and multi-protocol RS-485 (T-Samsung, E-Samsung, Pelco-D, Pelco-P, Bosch, Honeywell, Vicon and Panasonic). Virtual Progressive scan for sharp images of moving objects, Intelligent Video Analysis (Fixed, Moved, Fence, Tracking, Counting). Dimensions: 66x61x102 mm. Power 12Vdc/24Vac @ 4W.
SCB-5003PH		High resolution 1280H Samsung digital professional camera, Colour/Mono 1000TVL 1/3" CMOS sensor. Day/Night ICR, color sensitivity 0.03Lux (F1.2, 50IRE), 0.01Lux (F1.2, 30IRE), B/W: 0.003Lux (F1.2, 50IRE), 0.001Lux (F1.2, 30IRE), WDR (120dB). Digital zoom x16. Power supply 230Vac, consumption 6W.
SCZ-2373P		High resolution Samsung Camera "Day-Night" with motorized zoom module 37x, ICR filter, 680TVL (color) - 680TVL (B/W). 1/4" Super HAD CCD (976H x 582V pixels). Sensibility: 0.2Lux@F1.6 with 50IRE (color), 0.01@F1.6 with 50IRE (B/W), Internal sync / line-lock, S/N ratio >52dB, 12 privacy mask areas, optical zoom x37 (3.5-129.5 mm), digital zoom x16, multilingual OSD menu display, camera title, HLC, DIS and reduction noise with SSNRII. Remote programming using RS-485 multi-protocol or directly on coaxial cable (Pelco C - Coaxitron). Dimensions: 67.6x67.6x122.2 mm. Power supply 24Vac/12Vdc @ 5.8W.
SPC-300		Coaxial remote controller for analog cameras, via coaxial cable or RS-485.
SOE TV		Explosion proof camera housing with built-in camera. Sensor "Day-Night" Pixim Seawolf 690HTVL, 758x540 pixels. Dynamic range up to 120dB. Sensitivity: 0.1Lux / 0.012Lux F1.2/F1.2. Power supply: 12Vdc 2W. Housing certified ATEX II2GD - Eexd IIC T5, IP66. Made of aluminum. Complete with 1 entry M20 (clamp not included). Complete with sunshield and adjustable H/V wall mounting bracket made of Stainless Steel AISI304.
DVJ3070		Integrated dome camera IR for outside IP66, with Sony module 1/3" Exview HAD CCD II 4-9 mm. Manual zoom lens (ICX811AK+RJ9H), resolution 650TVL (colour) - 700TVL (B/W), 36 pcs, 5mm IR-LED with a range up to 30m. OSD/2D-DNR/BLC/MD/Privacy Masking. 3_Axis De. Power supply: 12Vdc. Operating temperature: -10°C/+55°C. Dimensions: 119x83 mm.
VI30K70		Outside integrated camera IP66, with SONY1/3" module Exview HAD CCD II 2.8-12 mm. Manual zoom lens (ICX672/3AKA) resolution 650TVL (colour), 700TVL (B/W), 42 pcs, 5mm IR-LED with a range up to 35m, OSD/D-DNR/BLC/MD//Privacy Masking. 3_Axis De. Input voltage: 12Vdc. Operating temperature: -10°C/+55°C. Dimensions: 83x159 mm. With wall bracket included: 230(I) x 86(W) x 83(H) mm.
CF.E.16		Integrated camera 1/3" SONY Exview HAD CCD. Varifocal lens: 9 ~ 22 mm. Resolution: 700TVL. Weatherproof protection degree: IP66. 0.1Lux color. Complete with illumination from 47LED to 80 m with control illumination function. Regulation with On Screen Menu and RS485. Special timer function to active natural vision. Anti-condensation resistant. Wall mounting bracket with cable management. Power supply: 12Vdc ±10% / 2A. Operating temperature: -10°C/+55°C.

ANALOG CAMERAS & PTZ

STP57-10		Wall mounting bracket for PTZ DOV.57 series and other models.
STP51-27		Wall mounting bracket for PTZ DOV.51 series and other models.
04A043		Pole mounting bracket for JBX, speed dome T15CD series and other products. Realized in galvanized steel. With fixing clamps.
DS-1602ZJ		Wall mounting bracket realized in Aluminum, color: white. Dimensions: 97x180x305mm. For model DS-2AE5230T-A.

TVD02812V		Varifocal lens for 1/3", 2,8-12 mm F1.4-360, with manual adjustment for focal lens and diaphragm. Metal body.
TNV03105D		Varifocal lens 3.0 Megapixel, 3-10.5 mm, suitable for sensor 1/2.7" or less, F1.4-360, DC auto IRIS, CS. Suitable for use with DAY- NIGHT and Full HD cameras. Operating temperature: -20°C/+60°C.
EX2C		Focal duplicator for objective lens with pitch "C" type.
TNV0560D.IR		Varifocal lens 1.3 Megapixel, 5-60 mm, F1,6-360, DC auto IRIS, CS. Horizontal angle of view: 52°~4°8'. Suitable for use with DAY-NIGHT and Full HD cameras. Operating temperature: -20°C/+60°C.
10F001		Mounting ring for optical filters diameter 56 mm. Coupling with objective lens of external diameter 56 mm. Realized in anodized Al.
10F002		Mounting ring for optical filters diameter 49 mm. Coupling with objective lens of external diameter 56 mm. Realized in anodized Al.
10G118		Kit optical filters composed by: 3 gelatin filters d=56 mm, 2 optical discs in semi-glass d=56 mm, thickness=2 mm.
10G012		IR filter type BG12 (dark blue) with 49 mm diameter.
10G002		IR filter type BG18 (green) with 49 mm diameter.

CAMERA'S LENSES

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TCS-300

Encoder / decoder, 1 BNC video input, images H.264/MPEG-4/MJPEG. Simultaneous Dual selector, 3 levels max 720x576 pixels, max 25fps, 2 alarms, RS-485/422/232 port, 1 audio loop through Ethernet card and plug-in Internet Explorer. Power 12V / 0.6A, PoE (Power over Ethernet). Max consumption 7.2W.

TCS-410

Encoder / decoder, 4 BNC video input, images H.264/MPEG-4/MJPEG. Simultaneous Dual selector, 3 levels max 720x576 pixels, max 25fps, 2 alarms, RS-485/422/232 port, 1 audio loop through Ethernet card and plug-in Internet Explorer. Power 12V / 0.6A, PoE (Power over Ethernet). Max consumption 7.2W.

TCS-3000

1 CH, 50/60fps @ 1920x1080 Encoder, Composite & HDMI In/Output - SDI In/Output, Quadruple Streaming.

TCS-3500

1 CH, 50/60fps @ 1920x1080 Encoder & Decoder, Composite & HDMI In/Output - SDI In/Output, Quadruple Streaming.

CODECS / DECODERS

DOVEXPTZWW — PTZ unit made of AISI316L Stainless steel complete with sunshield, heater and wiper. Protection degree: II2GEx d op pr IIC T6T. Complete with telemetry receiver RS485 Pelco-D protocol. Preset function. Horizontal movement +/-180°, speed 0-18°/sec. Vertical movement +/-90°, speed 0-9.5°/sec. Backlash <0.1°. Operating temperature: -40°/+55°C. Power supply: 24Vac-95W max. Weight: 25Kg.

DOVEXPT — PTZ (stand-alone) unit made of electro-polished AISI316L Stainless steel, ATEX certified EX d IIC IP66/67, variable speed, 360° pan rotation (+/-180°), tilt rotation +/- 90°. With side mounting bracket, for use with third party camera housings.

CF.EX.129 — Fixed camera housing ATEX certified II2G Ex d T6. Made of Stainless Steel AISI316L. IP66-67. Complete with sunshield and heater/demister. Power supply available: 24, 110, 240Vac to be specified when ordering. 25W maximum power absorbed. Operating temperature: -40°C/+55°C.

CF.EX.129WWL — Fixed camera housing, electro-polished AISI316L Stainless steel, ATEX certified Ex d IIC, IP66/67, length = 500 mm. Complete with sunshield, thermostatically controlled heater/demister, integrated wiper.
Excludes:
- Camera (subject to acceptance)
- Unit pre-wiring (depends on camera in use)
- Cable glands, conduit tail, cables.

TGUBTVCC — Explosion proof camera housing in RAL7005 aluminum, certified II 2 GD - EEx d IIC T5 IP66 , with heating and 2 inputs with ATEX cable glands. Complete with sunshield and Stainless Steel bracket with joint for wall mounting.

DOV.53 — PTZ unit made of Stainless Steel AISI316L. Pan: angle +/-180°/sec, speed 0-18°/sec. Tilt: +/-90°/sec, speed 0-9.5°/sec. Backlash <0.1°. Operating temperature -20°C/+55°C. Power supply: 24Vac, 80W max. Weight 18Kg. Telemetry receiver not included.

DOV.53AC — Fixed speed PTZ unit made of Stainless Steel AISI316L, IP66-IP67, with side mounting bracket for camera housing. T-shaped body version. Cable entry 2 M20x1,5. Suitable for CF series camera housings or third-party camera housings. Electronic end-stop limits controlled by integrated controller.

DOV.53HT — PTZ unit made of Stainless Steel AISI316L for high temperature with protective screen for heat / radiation. Horizontal movement: +/-180°/sec, speed 0-18°/sec. Vertical movement: +/-90°/sec, speed 0-9.5°/sec. Backlash <0.1°. Operating temperature: -20°C/+70°C. Power supply: 24Vac, 80W max. Weight 20Kg. Ideal for use in Iron&Steel application. Telemetry receiver not included.

TX25DC — Telemetry controller, RS485, Pelco-D protocol, for control of variable speed Pan&Tilt, motorized zoom lens, washer and wiper. Includes 12Vdc, 1A output. Requires 24V~ supply.

DOV.54.WW		PTZ unit with integrated camera housing IP67 (useful internal dimensions: 96x81x215 mm). Made of Stainless Steel AISI316L. Pan-tilt speed adjustable 360° (+/-180°). Pan speed 0-18°/sec, Tilt speed 0-9,5°/sec. With sunshield and heater/demister. Operating temperatrure: -20°C/+55°C. Power supply: 24Vac DC 50/60Hz, 80W.
CF.E.05		Camera housing made of Stainless Steel AISI316L, usable front window: 90 mm (diam. useful), thickness 5 mm. IP67. Operating temperature: -20°C/+55°C. Complete with sunshield and heater. Available power: 24Vdc, 24Vac, 110Vac, 240Vac to be specified when ordering. Maximum absorbed power: 10W.
CF.E.05.WW.L		Camera housing made of Stainless Steel AISI316L, usable front window: 72 mm (diam. useful), thickness 12 mm (L=460mm). IP67. Operating temperature: -20°C/+55°C. Complete with wiper sunshield and heater. Available power: 24Vdc, 24Vac, 110Vac, 240Vac to be specified when ordering. Power consumption: 10W.
DOV.57A		PTZ Positioning unit for analogic or IP camera. Body in die-cast aluminum. Variable speed up to 100°/s. Horizontal continuous rotation. Vertical rotation -90°/+40°. Wiper, internal ventilation and built-in heater. Integrated infrared LED (optional) with a range up to 100m. Multiprotocol serial interface RS485 (Pelco-D 2400/4800/9600 Pelco-P 4800/9600). 256 preset positions. Video/Power/RS485 terminal protected from surges. Connection electrical wiring for video/data (length: 7 m) provided. Operating temperature: -35°C/+55°C. Power supply 24Vac @ 55W.
DOV.57A.IR100		PTZ Positioning unit for analogic or IP camera with 2 integrated IR LEDs with a range up to 100m. Other features as DOV.57A.
DOV.57A.IR300		PTZ Positioning unit for analogic or IP camera with two integrated IR LEDs with a range up to 300m. Other features as DOV.57A.
DOV.56A.IR300		PTZ Positioning unit for analog camera. Body in die-cast aluminum. Variable speed up to 100°/s. Horizontal continuous rotation. Vertical rotation -90°/+40°. Wiper, internal ventilation and built-in heater. Integrated infrared LEDs with a range up to 300m (Light angle 48°/30°/14°(300m); Wavelength: 850nm). Multiprotocol serial interface RS485 (Pelco-D 2400/4800/9600 Pelco-P 4800/9600). 256 preset positions. Video/Power/RS485 terminal protected from surges. Connection electrical wiring for video/data (length: 7m) provided. Operating temperature: -30°C/+60°C. Power supply: 24Vac/24Vdc @ 108W max (24W heater, 48W lamps).
CF.E.57		Camera housing made of Aluminum. Protection degree IP67. Operating temperature: -35°C/+55°C (with thermostatically controlled fan). Complete with ABS sunshield, wash wiper and heater. Available power supply: 24Vac, ≤0.1W fan and resistance 10.5W, wiper 1.2W. Internal dimensions: 310x100x70 mm. Weight 4Kg. Wall mounting bracket not included.
GL606H		Camera housing made of Aluminum, complete with bracket, sunshield and 230Vac anti-condensation heater. IP66.
THK300		Camera housing IP66 with internal available dimensions: 105x86x300 mm. Flat glass window: 80x70 mm. Power supply 230Vac for heater and thermostat. Cable glands: 3 M16x1.5. Operating temperature: -20°C/+55°C. Die-cast and extruded aluminum body. Opening slide and hang system. Color white RAL9002. Supplied with sunshield and wall mounting brackets.
THK320		Camera housing IP66 with internal available dimensions: 105x86x300 mm. Flat glass window: 80x70 mm. Power supply 12Vdc/24Vac for heater and thermostat. Cable glands: 3 M16x1.5. Operating temperature: -20°C/+55°C. Die-cast and extruded aluminum body. Opening slide and hang system. Color white RAL9002. Supplied with sunshield and wall mounting brackets.
THK329		Camera housing IP66 with internal available dimensions: 105x86x300 mm. Supplied without window. Power supply 12Vdc/24Vac for heater and thermostat. Cable glands: 3 M16x1.5. Operating temperature: -20°C/+55°C. Die-cast and extruded aluminum body. Opening slide and hang system. Color white RAL9002. Supplied with sunshield and wall mounting brackets.

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THK500 — Camera housing IP66 with internal available dimensions: 105x86x350 mm. Flat glass window: 80x70 mm. Power supply 230Vac for heater and thermostat. Cable glands: 3 M16x1.5. Operating temperature: -20°C/+55°C. Die-cast and extruded aluminum body. Opening slide and hang system. Color white RAL9002. Supplied with sunshield and wall mounting brackets.

THK520 — Camera housing IP66 with internal available dimensions: 105x86x350 mm. Flat glass window: 80x70 mm. Power supply 12Vdc/24Vac for heater and thermostat. Cable glands: 3 M16x1.5. Operating temperature: -20°C/+55°C. Die-cast and extruded aluminum body. Opening slide and hang system. Color white RAL9002. Supplied with sunshield and wall mounting brackets.

THK529 — Camera housing IP66 with internal available dimensions: 105x86x350 mm. Supplied without window. Power supply 12Vdc/24Vac for heater and thermostat. Cable glands: 3 M16x1.5. Operating temperature: -20°C/+55°C. Die-cast and extruded aluminum body. Opening slide and hang system. Color white RAL9002. Supplied with sunshield and wall mounting brackets.

THK530 — Camera housing IP66 with PoE+ splitter. Internal available dimensions: 105x86x350 mm. Flat glass window: 80x70 mm. Power supply PoE+: 30W (IEEE 802.3at) input: 36-57Vdc - output: 12Vdc for camera, heater and thermostat. Cable glands: 3 M16x1.5. Operating temperature: -20°C/+55°C. Die-cast and extruded aluminum body. Opening slide and hang system. Color white RAL9002. Supplied with sunshield and wall mounting brackets.

T H K A B C

THK Series product code configuration

A Length [mm]	B Power Supply	C Window
3 = 300	0 = 230Vac	0 = Flat Glass
5 = 350	2 = 12Vdc / 24Vac	1 = Convex Glass
	3 = PoE+	3 = Germanium (30Ø usable)
	9 = Ø	5 = Germanium (55Ø usable)
		9 = without window

PA1 — Pole mount adapter for 1 THK housing.

PA2 — Pole mount adapter for 2 THK housings.

ATP05 — Stainless steel AISI316 pole mount adapter for wall mounting bracket SPT05.

SPT05 — Stainless steel AISI316L wall mounting bracket for CF.E.05 series.

TAN14X001 — Fluid tank capacity 25 liters, with integrated pump with prevalence 19m. Complete with cage to contain and support for wall/pole mounting made of Stainless Steel AISI304. Supplied with EPDM hose L=20m. IP66. Power supply: 24Vac or 230Vac to be specified when ordering.
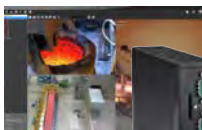
TAN14X011 — Fluid tank capacity 25 liters, with integrated pump with prevalence 19m. Fully protected from UV rays through casing in Stainless Steel AISI304, suitable for mounting on wall/pole. Other features as TAN14X001.

DMS_Std5
Standard

Embedded IP based "Digital Video Matrix" powered by Intel® Core processor. Storage 60GB 2.5" SSD, memory 2x4GB DDR3L. WINDOWS 7 professional 64 bit. Supplied with standard version of Matrica software embedded, it allows to display video streaming coming from up to 16 Telea's MegaPixel cameras/codec simultaneous. Up to 3 other Digimatrix Decoder and relevant monitors may be managed. Management and logical programming with activation of relay modules up to 48DI/DO (licenses excluded). PTZ cameras managed with virtual keyboard/USB mouse, USB Joystick controller available as option. Fanless passive cooling for 24/7 nonstop operation. Compact dimension, designed to be mounted on the backside of a LCD monitor (75/100mm VESA mount supplied). Power supply: input 100~240Vac, 50/60Hz. Low power consumption: max 26.5W. Operating temperature: 0°-40°C.

DMS_Pro5
Professional

Embedded IP based "Digital Video Matrix" powered by Intel® Core processor. Storage 60GB 2.5" SSD, memory 2x4GB DDR3L. WINDOWS 7 professional 64 bit. Supplied with professional version of Matrica software embedded, it allows to display video streaming coming from up to 64 Telea's MegaPixel cameras/codec, up to a maximum of 16's simultaneously. Up to 15 other Digimatrix Decoder and relevant monitors may be managed. Management and logical programming with activation of relay modules up to 192 DI/DO (licenses excluded). PTZ cameras managed with virtual keyboard/USB mouse, USB Joystick controller available as option. Fanless passive cooling for 24/7 nonstop operation. Integration with alarm central units, such as TecnoAlarm protocol (license excluded). Compact dimension, designed to be mounted on the backside of a LCD monitor (75/100mm VESA mount supplied). Power supply: input 100~240Vac, 50/60Hz. Low power consumption: max 26.5W. Operating temperature: 0°-40°C.

DMS_Pro7
Professional

Embedded IP based "Digital Video Matrix" powered by Intel® Core processor. Storage 60GB 2.5" SSD, memory 2x4GB DDR3L. WINDOWS 7 professional 64 bit. Supplied with professional version of Matrica software embedded, it allows to display video streaming coming from up to 64 Telea's MegaPixel cameras/codec, up to a maximum of 16's simultaneously. Up to 15 other Digimatrix Decoder and relevant monitors may be managed. Management and logical programming with activation of relay modules up to 192 DI/DO (licenses excluded). Instant recording functions. Other features as DMS_PRO5.

DMS_Ent7
Enterprise

Embedded IP based "Digital Video Matrix" powered by Intel® Core processor. Storage 60GB 2.5" SSD, memory 2x4GB DDR3L. WINDOWS 7 professional 64 bit. Supplied with enterprise version of Matrica software embedded, it allows to display video streaming coming from up to 128 Telea's MegaPixel cameras/codec, up to a maximum of 16's simultaneously. Up to 31 other Digimatrix Decoder and relevant monitors may be managed. Management and logical programming with activation of relay modules up to 384 DI/DO (licenses excluded). PTZ cameras managed with virtual keyboard/USB mouse, USB Joystick controller available as option. Fanless passive cooling for 24/7 nonstop operation. Instant recording function. Integration with automation systems with various communication protocols such as MODBUS, Profibus, etc (licenses excluded). Integration with alarm central units, such as TecnoAlarm protocol (license excluded). Compact dimension, designed to be mounted on the backside of a LCD monitor (75/100mm VESA mount supplied). Power supply: input 100~240Vac, 50/60Hz. Low power consumption: max 26.5W. Operating temperature: 0°-40°C.

DMS_Dec5
Decoder

Embedded IP based "Digital Video Matrix" powered by Intel® Core processor. Storage 60GB 2.5" SSD, memory 2x4GB DDR3L. WINDOWS 7 professional 64 bit. Supplied with decoder version of Matrica software, it allows to display video streaming coming from 16/64/128 Telea's MegaPixel cameras/codec, depending on the Matrica software version (Std/Pro/Ent) to which it is paired. Live view only function. Fanless passive cooling for 24/7 nonstop operation. Compact dimension, designed to be mounted on the backside of a LCD monitor (75/100mm VESA mount supplied). Power supply: input 100~240Vac, 50/60Hz. Low power consumption: max 26.5W. Operating temperature: 0°-40°C.

DMS_Dec7
Decoder

Embedded IP based "Digital Video Matrix" powered by Intel® Core processor. Storage 60GB 2.5" SSD, memory 2x4GB DDR3L. WINDOWS 7 professional 64 bit. Supplied with decoder version of Matrica software, it allows to display video streaming coming from 16/64/128 Telea's MegaPixel cameras/codec, depending on the Matrica software version (Std/Pro/Ent) to which it is paired.Fanless passive cooling for 24/7 nonstop operation. Failover function. Other features as DMS_DEC5.

MATRICA PLATFORM

PCS_i3		Fanless slim PC workstation with built-in Intel® Core i3-5005U processor. Storage 60GB* 2.5" SSD, memory 2x4GB* DDR3L. WINDOWS 7 professional*. Fanless passive cooling for 24/7 nonstop operation. Compact dimension, designed to be mounted on the backside of a LCD monitor (75/100mm VESA mount supplied). Power supply: input 100~240Vac, 50/60Hz, max 1.6A. Low power consumption: max 26.5W. Operating temperature: 0°-40°C. [*Other on request]
PCS_i5		Fanless slim PC workstation with built-in Intel® Core i5-5200U. Other features as PCS_i3.
PCS_i7		Fanless slim PC workstation with built-in Intel® Core i7-5500U. Other features as PCS_i3.
MAT_Lic_1TL		Activation license for single IP/codec device for MATRICA platform.
MAT_Lic_1IO		Activation license for single I/O Ethernet module for MATRICA platform.
MAT_Lic_PLC		Communication activation license on Ethernet network to control / preset / views between Matrica platform and PLC / DCS customer. Enable the programming for the direct control and subject to the command strings sent by the automation system of the monitor displays and the positioning of the cameras. Protocol to be determined when ordering. Valid qualification license for the entire system.
USB-JOY		Remote control keyboard IP Desktop USB Joystick 3 axes, 10 programmable function keys. Full compatible with Matrica platform. Dimensions: 169x157 mm.
KITUSBKEY		Kit composed by optical USB mouse, 3 buttons, 800dpi resolution, compatible with Windows Vista/7/8/10, Linux, Mac; Chrome OS + USB QWERTY mini-keyboard, 87 keys.

TELEA

matrica

NEW

MATRICA PLATFORM

Model		Description
NVR_Std16 *Standard*		NVR_Standard 16CH with intel i5 processor, Quad Core - 3.4GHz, SSD SATA SLIM 64GB, RAM 4GB, 1 x RJ45 with LED for 10/100/1000 Mbps Ethernet. Windows 7 - 64 bit. OUT 1xHDMI, 1xVGA. Supplied with license TVMS-16CH installed. Power: 500W.
NVR_Std32 *Standard*		NVR_Standard 32CH with Intel i5 processor, Quad Core - 3.4GHz, SSD SATA SLIM 64GB, RAM 4GB, 2 x RJ45 with LED for 10/100/1000 Mbps Ethernet. Windows 7 - 64 bit. OUT 1xHDMI, 1xVGA. Supplied with license TVMS-32CH installed. Power: 500W.
NVR_Pro16 *Professional*		Embedded NVR_Professional 16CH, powered by Intel i7, Quad Core, SSD SATA SLIM 64GB, RAM 4GB, 1 x RJ45 with LED for 10/100/1000 MBps Ethernet. Windows 7 - 64 bit. OUT 1xHDMI, 1xVGA, 1xDVI-D. Supplied with license TVMS-16CH installed. Power input 230Vac with integrated power supply. Operating temperature: 0-40°C.
NVR_Pro32 *Professional*		Embedded NVR_ Professional 32CH, powered by Intel i7, Quad Core, SSD SATA SLIM 64GB, RAM 4GB, 1 x RJ45 with LED for 10/100/1000 Mbps Ethernet. Windows 7 - 64 bit. OUT 1xHDMI, 1xVGA, 1xDVI-D. Supplied with license TVMS-32CH installed. Power supply 230Vac with power supply included. Operating temperature: 0°-40°C.
NVR_Ent64 *Enterprise*		Embedded NVR_ Enterprise 64CH, powered by Intel i7, Quad Core, SSD SATA SLIM 64GB, RAM 4GB, 2 x RJ45 with LED for 10/100/1000 Mbps Ethernet. Windows 7 - 64 bit. OUT 1xHDMI, 1xVGA, 1xDVI-D. Supplied with license TVMS-64CH installed. Power supply 230Vac with power supply included. Operating temperature: 0°-40°C.
NVR_Ent128 *Enterprise*		Embedded NVR_Enterprise 128CH, powered by Intel i7, Quad Core, SSD SATA SLIM 64GB, RAM 4GB, 2 x RJ45 with LED for 10/100/1000 Mbps Ethernet. Windows 7 - 64 bit. OUT 1xHDMI, 1xVGA, 1xDVI-D. Supplied with license TVMS-128CH installed. Power supply 230Vac with power supply included. Operating temperature: 0°-40°C.
NVRStd_SS *Essential*	NEW	Network video recorder powered by Intel i5, Quad Core - 3.4GHz, RAM 4GB, 1 x RJ45 10/100/1000 Mbps Ethernet port. Operating system installed on SSD SLIM 64GB Windows 7 - 64 bit. Prepared for 2 Hardisk up to 8 TB max. RAID 0-1 supported. OUT 1xDVI, 1xHDMI, 1xVGA. Supplied with Milestone Xprotect Essential software installed. 2 camera licenses included, expandable up to 26. Power supply 230Vac, 500W.
TVMS 16CH		Software for monitoring, recording of 16 cameras (16CH). We recommend PC with the following specifications: CPU: i7, RAM: 4GB or greater. Graphics memory: 2GB or more - Direct X 9.0 installed.
TVMS 32CH		32 CH Monitoring / Recording SW based on Windows / Streaming Relay included.
TVMS 64CH		64 CH Monitoring / Recording SW based on Windows / Streaming Relay included.
TVMS 128CH		128 CH Monitoring / Recording SW based on Windows / Streaming Relay included.
HDSATAIIISOLID		Hard Disk Solid. 2.5" SATA III (64GB) SandForce MLC Flash Memory Drive TRIM support. Specific to digital recorders for video surveillance applications. It includes assembly and setting in our laboratory.
HD500GbSATA		Hard Disk SATA 500 GB, MTBF, 1.2 millions of hour, 16 MB Cache, 7200 RPM. Special version for NVR application. It includes assembly and setting in our laboratory.
HD1000GbSATA		Hard Disk SATA 1000 GB, MTBF, 64 MB Cache, 7200 RPM. Specifically designed for digital recorders for CCTV system. It includes assembly and setting in our laboratory.
HD2000GbSATA		Hard Disk SATA 2000 GB, MTBF. Specifically designed for digital recorders for CCTV systema. It includes assembly and setting in our laboratory.
KC-100		Keyboard with joystick for up to 255 PTZ or DOME control. Interface USB, RS-485/RS-422. 3-axis joystick, LCD display. Multi-protocol management. Power requirement: 12Vdc, with power supply included.

NETWORK VIDEO RECORDER & SOFTWARE

TELEA

TDS7308

Multiplexer / digital video recorder 8CH. 2 independent and configurable video outputs (VGA/HDMI + 1CVBS). Real Time display, multiscreen 1,4,6,8. HDMI and VGA output at up to 1920x1080P resolution. Control through onboard keyboard or through RS485 serial line. Real time recording: WD1@25fps/CH. Video compression: H.264. Up to 4 HDD (not included). Supported PTZ protocols: Pelco D/P and others. 4 IN audio, 2 OUT audio, 8 IN alarm, 4 OUT relay. Network interface: 1xRJ45 10/100/1000 Ethernet, 3xUSB 2.0, 1xRS232, 1xRS485, 1xKeyboard Bus, 1xRS232. Dimensions: 445x390x70mm. 19-inch rack-mounted 1.5U chassis. Operating temperature: -10°C/+55°C. Power supply: 100-240Vac@50-60Hz, <40W.

TDS7316

Multiplexer / digital video recorder 16CH. 2 independent and configurable video outputs (VGA/HDMI + 1CVBS). Real Time display, multiscreen 1,4,6,8,16. HDMI and VGA output at up to 1920x1080P resolution. Other features as TDS7308.

TDS7324

Multiplexer / digital video recorder 24CH. 2 independent and configurable video outputs (VGA/HDMI + 1CVBS). Real Time display, multiscreen 1,4,6,8,9,16. HDMI and VGA output at up to 1920x1080P resolution. Other features as TDS7308.

TDS7332

Multiplexer / digital video recorder 32CH. 2 independent and configurable video outputs (VGA/HDMI + 1CVBS). Real Time display, multiscreen 1,4,6,8,16. HDMI and VGA output at up to 1920x1080P resolution. Other features as TDS7308.

TDS1003

3D joystick compatible with Multiplexer/DVR TDS series, PTZ TELEA and all other products that work with Pelco-D and Pelco-P protocols. Power supply: 12Vdc (adapter for 96-240Vac 50/60Hz included). Dimensions: 360x200x108 mm. Weight: 3Kg.

TDS1003M

Desktop control keyboard, replacing the previous CK101 model. Keypad with 3-axis compatible with Multiplexer TDS series and CMP163. Power supply: 12Vdc (adapter for 96-240Vac 50/60Hz included). Dimensions: 360x200x108 mm. Weight: 3Kg.

NEW

TDS7316M

Multiplexer / digital video 16CH, replacing the previous CMP163 model. 2 independent and configurable video outputs (VGA/HDMI + 1CVBS). Real time display, multiscreen 1,4,6,8,9,16. Output resolution (HDMI and VGA) up to 1920x1080P. Controlling through local keyboard on the serial line RS485. PTZ protocols supported: Pelco D/P and others, 4 Audio IN; 2 Audio OUT; 16 alarms IN, 4 Relay OUT. Other features as TDS7316.

TEN5004-500

Digital Video Recorder 4 Video IN (BNC connectors loops) with 500GB HD. Control through front panel buttons or remote control (included). Compression: H264. Real-time display in Full D1 resolution, multi-function and cyclic 1.4 Recording resolutions up to 720x576 (D1) to 100fps (PAL). Continuous/Motion/Alarm/Manual recording. Local playback by channels / date / time. Search by date / time / camera / event / log file. Direct backup to USB devices and external HDDs. PTZ control: zoom-in / zoom-out, Focus-in / Focus-out, Direction, Speed, Preset point, Auto-pan. It supports many users with different authority. Ethernet port. Remote control included mobile phone support Window Mobile, Symbian, Android, iPhone and Blackberry. Supports 4 audio IN. Supports 4 sensors IN, 1 relay OUT. Monitor exit BNC and VGA + HDMI. Power unit supplied 100/230Vac-12Vdc. Operating temp.: 0-40°C.

TEN5108-500

Digital Video Recorder 8 Video IN (BNC connectors loops) with 500GB HD. Control through front panel buttons or remote control (included). Compression: H264. Real-time display in Full D1 resolution, multi-function and cyclic 1.4 Recording resolutions up to 720x576 (D1) to 100fps (PAL). Continuous/Motion/Alarm/Manual recording. Local playback by channels / date / time. Search by date / time / camera / event / log file. Direct backup to USB devices and external HDDs. PTZ control: Zoom-in/Zoom-out, Focus-in/Focus-out, Direction, Speed, Preset point, Auto-pan. It supports many users with different authority. Ethernet port. Remote control included mobile phone. It supports 4 audio IN, 4 sensors IN, 1 relay OUT. Monitor output BNC and also VGA + HDMI. Power unit supplied 100/230Vac-12Vdc. Operating temperature: 0-40°C.

6HDS

Multiplexer Full HD 6 entries BNC (PAL/NTSC) with monitor outputs 1 x HDMI up to 1920x1080 pixels @50/60Hz, 1xVGA, 2xBNC 720x480 @ 50/60 Hz. Controllable through mouse, serial line or IR remote control. Power input AC100-240V 50/60 Hz.

16HDS

Multiplexer Full HD 16 entries BNC (PAL/NTSC) with monitor outputs 1 x HDMI up to 1920x1080 pixels @50/60Hz, 1xVGA, 2xBNC 720x480 @ 50/60 Hz. Controllable through mouse, serial line or IR remote control. Contemporaneous visualization of 1,4,6,9,10,13,16 video signals. Power input 100-240Vac, 50/60 Hz.

ANALOGUE VIDEO RECORDERS / MULTIPLEXER

neovo

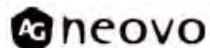|		
C17-P		Monitor LED 17" 4:3 professional. Resolution up to 1280x1024 pixels, 250cd/mq, angle of vision 170°(H) x 160°(V), 1000:1 contrast, answer time: 3ms. Input analog 15-Pin D-sub, digital 24-Pin DVI-D, Std PAL-NTSC selectable. Internal power supply: 100-240V, 50/60 Hz. Voltage: 100-240Vac, 50-60Hz, 22W. Certifications: FCC, CB, CE, WEEE, RoHS, REACH. With bracket.
C19-P		Monitor LED 19" 4:3 professional. Other features as C17-P.
L-W22		Monitor LED 22" professional. Resolution Full HD 1920x1080 pixels, 250cd/mq, angle of vision 170°(H) x 160°(V), 20000:1 contrast, answer time: 3ms. Input analog 15-Pin D-sub, digital 24-Pin DVI-D, HDMI. Standard PAL-NTSC selectable. Speaker 2Wx2. Power supply: 100-240V, 50-60Hz with external power supply. Voltage: 100-240Vac, 50-60Hz, 33W. Certifications: FCC, CB, CE, BSMI, GOST-R WEEE, RoHS, REACH. Complete with bracket.
L-W27		Monitor LED 27". Resolution Full HD 1920x1080 pixels, pitch 0,311mm, 300cd/mq, 20.000.000:1 (DCR) contrast. Analog inputs 15-Pin D-Sub, digital 24-Pin DVI-D, HDMI. Anti Burn-In technology specific for CCTV applications. Speaker 2Wx2. Low consumption. External power supply: 100-240V, 50/60Hz, <50W. Dimensions: 642x439x210 mm (with desktop bracket). Weight: 5,9Kg. Certifications: FCC, CB, CE, BSMI, GOST-R WEEE, RoHS, REACH. Ideal for industrial applications.
U-17		Monitor COL LCD VGA 17" 4:3. Resolution up to 1280x1024 pixels, 250 cd/mq. Angle of vision 170°(H) x 160°(V), 1000:1 contrast, answer time: 3ms, 1xVGA, 1xDVI-D. Special anti-reflective scratch-resistant glass protection (<1%) high transmission (>96%). Panel life 50,000 hours (minimum). Compact dimensions: 397x390x174 mm (with desktop bracket). Low consumption power supply: >20W, 100-240V, 50-60Hz.
U-19		Monitor COL LCD VGA 19" 4:3. Resolution up to 1280x1024 pixels, 250 cd/mq. Angle of vision 170°(H) x 160°(V), 1000:1 contrast, answer time: 3 ms, 1xVGA, 1xDVI-D. Special anti-reflective scratch-resistant glass protection (<1%) high transmission (>96%). Panel life 50,000 hours (minimum). Compact dimensions: 440x417x174 mm (with desktop bracket). Low consumption power supply: >21W, 100-240V, 50-60Hz.
U-23		Monitor COL LCD VGA 23". Resolution Full HD 1920x1080 pixel, 250cd/mq. Angle of vision 170°(H) x 160°(V), 1000:1 contrast, answer time: 3ms, 1xVGA, 1xDVI-D. Special anti-reflective scratch-resistant glass protection (<1%) high transmission (>96%). Panel life 50,000 hours (minimum) 7/7 and 24/24. Dimensions: 572x403x174 mm (with desktop bracket). Low consumption power supply: >21W, 100-240V, 50-60Hz. Certifications: CB, FCC, CE, TCO 5.2, Energy Star, RoHS, WEEE, REACH, GOST-R.
SC17P		Monitor LCD TFT 17" 4:3 professional. Anti burn-in function, resolution up to 1280x1024 pixel, 250 cd/mq, angle of vision 170°(H) x 160°(V), 1000:1 contrast, answer time: 3ms, 1 video BNC in/out, 1xDVI-D, 1xVGA, 1x audio IN. Standard PAL-NTSC selectable. Power supply: 100-240V, 50-60 Hz with serapated power supply: 12Vdc@26W. Certification GOST-R / UL. Complete with bracket.
SC19P		Monitor LCD TFT 19" 4:3 Professional. Anti burn-in function, resolution up to 1280x1024 pixel, 250 cd/mq, angle of vision 170°(H) x 160°(V), 1000:1 contrast, answer time: 3ms, 1 video BNC in/out, 1xDVI-D, 1xVGA, 1x audio IN. Standard PAL-NTSC selectable. Power supply: 100-240V, 50-60 Hz with serapated power supply: 12Vdc@39W. Certification GOST-R / UL.
SC22		Monitor LCD TFT 22" 4:3 Professional. Anti burn-in function, resolution up to 1280x1024 pixel, 250 cd/mq, angle of vision 170°(H) x 160°(V), 1000:1 contrast, answer time: 3ms, 1 video BNC in/out, 1xDVI-D, 1xVGA, 1x audio IN. Standard PAL-NTSC selectable. Power supply: 100-240V, 50-60 Hz with serapated power supply: 12Vdc@39W. Certification GOST-R / UL.
NEW **SC32**		Monitor LED - Backlit TFT LCD 32". Resolution Full HD 1920x1080, 450 cd/mq, 3000:1 contrast, angle of vision: 178°(H) x 178°(V). Answer time: 4ms. 650 HTVL. Inputs: D-sub15, HDMI, BNC, S-Video. Consumption: <65W (on). Power supply: 100-240V, 50/60Hz. Dimensions: 752.5x503.8x189 mm. Weight: 9.3Kg. Certifications CE, FCC, RoHS, WEEE.

MONITOR

neovo   **SX15P**

Monitor LED - Backlit TFT LCD 15", resolution up to 1024x768 pixels, brightness 350cd/mq, vision 170°(H) x 160°(V), 700:1 contrast, 4ms response time, 1+1 BNC video input, 1xVGA, 1xDVI-D, S-Video. Anti-burn-in technology specifically for CCTV applications. Robust metal cabinet and special anti-reflective scratch-resistant glass protection (<2%) with high transmission (> 96%). Required external power supply 12Vdc. Consumption <17W (on). Compact size 380x359x155 mm. VESA mounting. Weight: 4.7Kg. CB, FCC, CE, WEEE, RoHS, REACH certifications.

SX17P

Monitor LED 17" 4:3. Resolution up to 1280x1024 pixels, 625 HTVL, 250 cd/mq, vision 170°(H) x 160°(V), 1000:1 contrast, 3ms response time, 2 BNC video inputs, 1xVGA, 1xDVI-D, 1xAudio IN. Anti-burn-in technology specifically for CCTV applications. Special functions PiP, PAP and 180° rotation. Front buttons "in contact". Speaker 1,5Wx2. Robust metal cabinet and special protective scratch-resistant glass, antireflective (<1%) high transmission (>96%). Panel life 50,000 hours (minimum). Low consumption. Power supply 100-240V, 50/60Hz, <30W with external power supply. Compact dimensions: 409x398x175 mm (with board bracket). Weight: 8.5Kg. Protection degree: IP22. Certification TUV - GOST - R.

SX19P

Monitor LED 19" 5:4 Professional. Resolution up to 1280x1024 pixels, 625 HTVL, 250 cd/mq, vision 170°(H) x 160°(V), 1000:1 contrast, 3ms response time, 2 BNC video inputs, 1xVGA, 1xDVI-D, 1xAudio IN. Power supply 100-240V, 50-60Hz, <34W with external power supply. Dimensions: 445x420x175 mm (with desktop bracket). Other features as SX17P.

RX22

Monitor LED-backlit 22" 16:9. Resolution up to fino 1920 x 1080 pixel, 625 horizontal lines, brightness: 250cd/mq, vision: 170°(H) x 160°(V), 1000:1 contrast, answer time: 3ms, 2 video input BNC, 1xVGA, 1xDVI-D, 1xAudio. Anti-burn-in technology specific for TVCC applications. Special functions PiP, PAP and 180° rotation. Front keys "in contact". Speakers: 1.5Wx2. Sturdy cabinet in metal and special glass scratch protection antireflective (<1%) and high transmission (>96%). Panel resistance: 50.000 hours (minimum). Low power. Power supply: 100-240V, 50/60Hz, <30W with external suplply. Compact dimensions: 513x369x155 mm (with table bracket). Weight: 6.9Kg. IP22. Operating temperature: 0°/40°C. Certifications: TUV-GOST-R. Ideal for industrial applications.

RX24

Monitor LED-backlit 24", max resolution Full HD 1920x1080 pixel pitch 0,2715 mm, brightness 300 cd/m2 contrast ratio 1000:1, 3ms response time (GTG). Input: VGA, DVI, CVBS, S-Video, HDMI; output: CVBS (BNC x 2), Audio output 2Wx2. Power 100-240V 50-60Hz. Consumption <27W. Heavy metallic enclosure with frontal optical glass NeoV. Weight: 7.9Kg. Certifications: FCC, CB, CE BSMI, RoHS, WEEE, REACH, GOST-R.

NEW

NEC   **V323-2**

Monitor LCD 32" S-IPS 16:9 professional, contrast ratio 1300:1, response time: 8/12/25 (ms), native resolution: 1920x1080 at 60Hz, input video analogue: D-Sub15 (PC RGB, Component, S-Video, Composite), input video digital: 1xDisplayPort (with HDCP); 1xDVI-D (with HDCP); 1xHDMI 1.3 (with HDCP). Power consumption: 61W max, Voltage/Current: 16V/0A. Dimensions (WxHxD): 750x444x60 mm. Weight: 9Kg (without brackets).

V423

Monitor LED 42" 16:9 professional, S-IPS, 320 cd/m2, 450 cd/m2(max), angle of vision: 178°(H) x 178°(V) (CR 10:1) - 1300:1 contrast landscape / portrait. Answer time: 10ms. Colors: 16.77 mil./col. Resolution: 1920x1080 (60Hz) - Connectors: D-Sub 15, Component (BNC), Composite (BNC+RCA), RGBHV (BNC), S-Video, DVI (with HDCP) + digital video input: 1xHDMI + controller: RS-232X (9 pin D-Sub); infrared remote control with a range up to 3m. With innovative overheating protection system. Consumption: 88W. Dimensions: 972x565x68 mm. Weight: 16.8Kg.

M15D RACK

Monitor LCD 15" 16:10 plastic cabinet, max resolution 1024x768, 500:1 contrast, 450cd/mq brightness, response time: <8ms, 2 BNC video inputs with loop + 1 Integrated Audio VGA to 2 outputs 2.5W, VESA 100. Power supply: 12Vdc, <60W (included). Supplied with mounting bracket Rack 6U.

TELEA   **ML22W3**

Monitor LED 22" professional backlight, compatible with resolution from VGA (640x480) to Full HD (1920x1080). Display ratio 16:9, 400cd/mq, 1000:1 contrast, angle of vision 170°(H) x 160°(V), time response: 5ms. Video input 1xHDMI / 1xBNC / 1xVGA. Video output 1xBNC. Audio input 2xRCA / phone jack x1. Audio speaker x2. Picture-In-Picture feature. Built-in 3D comb filter and 3D de-interlace for crispy picture performance. Support NTSC/PAL standards. Video looping output supports 75ohm auto termination. VESA standards (100x100mm) bracket. Light detection sensor to save energy. Plastic case. Power input requirements 100-240V, 50/60Hz 35W with 12Vdc power supply. Dimensions: 516x412x55 mm.

HMON-42-L		Vandal-resistant protective polycarbonate housing for monitor 42" with protective units in painted steel. Ideal for industrial environments IP54 / NEMA4. Ideal for dust and dirt, excellent resistance to shock and electrical surges. Supplied with anti-glare protective glass, cooling fan more directional fans and bracket for wall mounting with 15° inclination. Dimensions: 761x1127x233 mm. Weight: 35 Kg. Operating temperature: 0°C/+30°C.
SC-LFC56L		Monitor service LED 5.6'' high resolution and contrast, protective bag. Control mobile cameras with RS485 port and different telemetry protocols. Parameter setting with menu on screen. VGA input for use as a PC monitor. PATTERN GENERATOR for the calibration / verification operation of a monitor. Tester function level video signal ideal for calibration of baluns UTP cable. Compatible with PAL and NTSC signals. Supply-in battery (average duration of about 8 hours) and flush with power adapter included 12.6 Vdc. Dimensions: 350x265x100 mm.
ST RACK19"		Monitor fixing brackets, several types and several inclinations.
LED100WM		13"-30" Wall bracket for LED TV LCD Tilt 3 joints. Dimensions: 116x152x(81-390) mm. Weight: 1.0Kg. Color: black. Easy and quick to install, it is ideal for home, office and commercial applications.
LED400WM		23"-55" Wall bracket for LED TV LCD Full-motion, Arm 3 joints. Includes bubble level. Allows angle mounting. Dimensions: 458x425x(73-440) mm. Weight: 5.7 kg. Color: black.
LED500CMP		15-32" Telescopic Ceiling Universal LED TV LCD support. It is designed to offer the ultimate in versatility and universal compatibility. Tilting plate for ceiling applications and sloping floor. It allows screens to be tilted down or rotated without tools; includes VESA plate for any LCD TV 23"-42" or monitors up to 50 kg. Adjustable height for perfect TV placement. Dimensions: 226x226x1023 mm. Material: steel. Color: black. A flume cable management keeps cables concealed and organized.
LED500CM		32"-55" Universal ceiling support for LED TV LCD, with long arm. Security system with built-in lock to protect from theft. Dimensions: 815x(1000-1500) x100 mm. Weight: 7.5Kg. Color: black.
ExtenderUSB		Extender with USB port for distances up to maximum 50 meters with CAT5/5e/6 composed by a local unit with a USB connector male type A (to connect to computer) and a remote unit with a USB connector type A Female (for connection to device). USB 1.1, maximum velocity: 12 Mbps / Full Speed. Bus-Powered. Without any external power required.
VE01VGA		ACTIVE transmitter+receiver for one VGA signal transmission, STP cable or UTP CAT5/6E. Maximum distance: 1920x1200 pixels (100Mhz) 70m; 1024x768 pixels (60Mhz) 75m; 800x600 pixels (30Mhz) 105m.
HE01SE-2		HDMI Extender - Single CAT5/6e cable. Transmission range up to 60m at 1080i and 30m at 1080p, 60Hz resolution. HDMI 1.3.
JBMON1		Monitor junction box with power and video BNC socket, complete with video cable BNC-BNC connected L= 2 m
TAC2COAXPC		Coax cable BNC-BNC RG59 payable 1m long, for connection between devices in the control room.
TAC2COAXP1		Support form for coaxial cable (RG59-RG11) with screw clamp on input and output on BNC. For DIN rail mounting. Ideal for deploying video signals in the closet. Complete with coaxial patch cord L= 1m. Avoid using BNC connectors for RG11.
HDMI 1m		High speed HDMI Ethernet cable, with ferrite. Connections A/A M/M. Length: 1m. Supports HEC, ARC, 3D, max resolution: 4096x2160@24Hz, deep color and xv color.
HDMI 2m		High speed HDMI Ethernet cable, with ferrite. Connections A/A M/M. Length: 2m. Other features as HDMI 1m.
HDMI 3m		High speed HDMI Ethernet cable, with ferrite. Connections A/A M/M. Length: 3m. Other features as HDMI 1m.

MONITOR

TCH510F

Wireless transceiver unit with IP66 integrated antenna for distances <1km, configurable for transmission type POINT-POINT or POINT-MULTI POINT, beamwidth of H20°-V20°. 5 GHz transmission. Supported standards IEEE 802.11 a/n. Frequency of use 5.470-5.725 MHz. Maximum transmission bandwidth selectable 150 Mbps. Integrated antenna SISO 15dB. Wi-Fi protected access WPA and WPA2. Housing made of UV resistant materials. Operating temperature: -20°C/+55°C. Dimensions: (L)120x(W)140x(H)70 mm. Weight: 800g. Ideal for applications on poles also of limited diameters (mounting kit included). Power supply: 12Vdc to 24Vdc. PoE injector supplied with 12Vdc power supply jack plug suitable for distances up to 40m. For longer distance up to 100m using 24Vdc power supply (not included). SPECIFIC SETTING IN OUR LABORATORIES REQUIRED BEFORE SHIPPING.

TCH510FN

Wireless transceiver unit with IP66 integrated antenna for medium distances, configurable for transmission type POINT-POINT or POINT-MULTI POINT, beamwidth of H20°-V20°. 5 GHz transmission. Supported standards IEEE 802.11 a/n. Frequency of use 5.470-5.725 MHz. Max transmission bandwidth selectable 300 Mbps. Integrated antenna MIMO 15+15dB. Wi-Fi protected access WPA and WPA2. Housing made of UV resistant materials. Power supply over passive Ethernet or 18Vdc, consumption 250mA, 6.5W. Other features as TCH510F.

5G8PD19

Directional panel antenna 5 GHz, beamwidth of 16° @ 3dB, gain: 19dBi, frequency: 5100-5900 MHz. Polarization H/V, complete with accessories for mounting on pole/wall (tilt up to 45°).

ST-WIFI

Bracket for mounting antennas WI-FI on wall or pole (diam max 60 mm). Model to be specified when ordering.

WIFI TRANSMISSION

TTP111VK

Active video twisted pair receiver, up to 1200m via CAT 5 UTP cable. 2 adjustment for color and brightness. Build in transient protection and ground lifting. Power required 12Vdc.

TTP111VT

Active video twisted pair transmitter, up to 1200m with colour camera via CAT 5 UTP cable. Three position range switch for gain select. Build in transient protection and ground lifting. Power required 12Vdc.

PN009

Rack adapter 19" for attaching up to 9 modules TTA111VHA, TTA111VT, TCD102.

CABLE TRANSMISSION

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Model	Description
FVR10	AM receiver on one multimode fiber 62.5 / 125nm, 1 video (1way), 14dB, up to 4Km, power 8-15Vdc @ 60mA. Extended temperature range: -40°C to +75°C. Power supply included.
FVR10M	AM mini receiver on one multimode 62.5 / 125nm, 1 video (1way), 14dB, up to 4Km, power 8-15Vdc @ 60mA. Extended temperature range: -40°C to +75°C. Power supply included.
FVR11	Video receiver, automatic gain control, 1 fiber, multimode 850nm.
FVR11M	AM receiver on one multimode fiber 62.5 / 125nm, 1 video (1way) 14dB, AGC, up to 4Km, power 8-15Vdc @ 60mA. Extended temperature range: -40°C to +75°C. Power supply included.
FVR22	Dual video receiver - Automatic Gain Control, 2 fibers, multimode 850nm.
FVR1031M1	10-bit digital video receiver transmitter data full duplex RS422 / 485 (2 or 4 wire) for 1 FO Multimode (62.5) 125nm, with integrated surge protection on all ports of connection. AGC, 16dB optical budget up to 3Km. Connectors 1xST.
FVR2001M1	2 Channel digital video receiver. 1 fiber, multimode, 10 bit, 1310nm, high quality.
FVT11M	AM mini transmitter on one multimode fiber 62 / 125nm, 1 video, 14dB, up to 4Km, power 8-15Vdc @ 60mA. Extended temperature range: -40°C to +75°C. Power supply included.
FVT10	AM transmitter on one multimode 62.5 / 125nm, 1 video (1way), 14dB, up to 4Km, power 8-15Vdc @ 60mA. Extended temperature range: -40°C to +75°C. Power supply included.
FVT20	AM transmitter over two multimode fibers 62.5 / 125nm, 2 video (1way), 14dB, up to 4Km, power 8-15Vdc @ 80mA. Extended temperature range: -40°C to +75°C. Power supply included.
FVT1031M1	10-bit digital video transmitter receiver data full duplex RS422 / 485 (2 or 4 wire) for 1 FO Multimode (62.5) 125nm, with integrated surge protection on all ports of connection. AGC, 16 dB optical budget up to 3Km. Connectors 1xST.
04A099A0	3 Slot 4U F.O. Card cage rack, EU Mains Lead.
C1-BP	1 Slot blank filler panel for C1/C2/C3 card cages.
CLESP	Single port ethernet surge protector, RJ45 in-line, supports 10/100/1000 MB and IEEE 802.3.
C1-CH	Rack mount card cage 4U with 4 slot.
C1-PS-EU	90-264 VAC 50/60HZ Replacement Power Supply Only, EU Mains Lead Included.
C1-EU	14 Slot 4U F.O. Card cage rack whith 90-264 Vac 50/60 Hz Power supply, EU Mains Lead.

FIBER OPTIC VIDEO&DATA TRANSMISSION

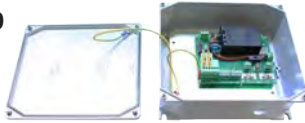|		
CNFE1003MAC2M		Media converter, 100 Mbps, multimode, 2 fibers SC connector, Mini AC / DC power.
CNFE2MC-M		Media converter, 100 Mbps, 2 duplex contacts, 1 SFP Port + 1 RJ-45 copper port, Mini (SFP sold seperately)
CNMCSFP		Media converter, 100 Mbps / 1 Gbps multirate support, 1 SFP Port + 1 RJ-45 copper port, Mini (SFP sold seperately)
CNMCSFP/M		Media converter, 100 Mbps / 1 Gbps multirate support, 1 SFP Port + 1 RJ-45 copper port, Mini (SFP sold seperately).
CNFE1003M2		Media converter, 100 Mbps, multimode, 2 fibers, SC connector, DC only.
CNFE1005M2		Media converter 10/100 Mbps Ethernet, multimode, 2 fibers, ST connectors (SC on request). Size only 15.5x13.5x2.8 cm. 8-24 Vdc power supply, consumption 6W. Suitable for industrial use in temperatures from -40°C to +75°C. Compatible with model CNFE1M2/5.
CNFE1005MAC2M		Media converter, 10/100 Mbps, multimode, 2 fibers, ST connector, Mini AC / DC power.
CNFE1M2/5		Ultra miniature PCB media converter, 100 Mbps, multimode, 2 fibers, ST connector, AC/DC power, PSU purchased separately.
CNFE1002MAC1AM		Media converter, 100 Mbps, multimode, 1 fiber, A Side, ST connector, mini AC / DC power.
CNFE1002MAC1BM		Media converter, 100Mbps, multimode, 1 fiber, B Side, ST connector, mini AC / DC power.
CNGE2+2SMS		Intelligent self managed ring switch with light management, 2 ports 10/100/1000Tx with high power PoE (30W IEEE 802.3at), 2 ports 100/1000Fx SFP slot, mini, PSU purchased separately.
CNGE2+2SMSPOE		Intelligent self managed ring switch with light management, 2 ports 10/100/1000Tx with high power PoE (30W IEEE 802.3at), 2 ports 100/1000Fx SFP slot, mini, PSU purchased separately.
CNGE5MS		Managed switch, 3 Ports 10/100/1000Tx, 2 Ports 10/100/1000Tx or 100/1000Fx SFP combo, DIN/wall mount, PSU included.
CNGE2FE4SMSPoE		Self managed switch, 4 ports 10/100Tx with high power PoE (30W IEEE 802.3at on ports 1-4), 2 ports 1000Fx SFP slot, purchased separately.
CNGE2FE8MSPOE		Managed switch, 8 ports 10/100Tx with power over Ethernet (IEEE 802.3af 15.4W), 2 ports 10/100/1000Tx or 100/1000Fx SFP combo, DIN/wall mount, PSU.
CNGE2FE16MS		Managed switch, 16 Ports 10/100 Tx, 2 ports 10/100/1000Tx or 100/1000Fx SFP combo, DIN/wall mount, PSU included.
CNGE3FE7MS2		Industrial Ethernet switch for hard environment with (7) 10/100Tx + (3) configurable 10/100/1000Tx - 100/1000Fx for copper or fiber media for use with multimode or single SFP optical fiber module (not included). Operating temperature: -40°C to +75°C. DIN rail mount. 12-48Vdc redundant power with polarity reverse protect function and removable terminal block.

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ETHERNET NETWORK TRANSMISSION

CWFE2SCM2		Media converter, 10/100 Mbps, operating temperature: 0-50°C, multimode, 2 fibers, SC connectors, mini.
CWFE2SCS2		Media converter, 10/100 Mbps, operating temperature: 0-50°C, single-mode, 2 fibers, SC connectors, mini.
CWGE2SCM2		Media converter 10/100/1000 Mbps, operating temperature: 0-50°C, multimode, 2 fibers, SC connectors, mini.
CWGE2SCS2		Media converter 10/100/1000 Mbps, operating temperature: 0-50°C, single-mode, 2 fibers, SC connectors, mini.
CWGE9MS		Managed switch, 7 ports 10/100/1000Tx, 2 ports 10/100/1000Tx or 1000Fx SFP combo, 100-240Vac, operating temperature: 0-50°C.
CWGE24MODMS		Managed modular switch, 3 empty bays, maximum 24x10/100/1000Tx or 1000Fx ports, 1U 19" rack mount. Requires sold seperatley modules, 100-240Vac.
CWGE24MODMS/8FX		Module for CWGE24MODMS, 8 ports, 1000Fx SFP ports.
CWGE24MODMS/8TX		Module for CWGE24MODMS, 8 ports, 10/100/1000Tx RJ-45 copper ports.
CWGE2FE24MODMS		Managed modular switch, 3 empty bays, maximum 24x10/100Tx or 100Fx ports, 2 fixed 10/100/1000Tx or 1000Fx combo ports (included), 1U 19" rack mount. Requires sold seperately modules, 100-240Vac.
CWGE2FE24MOD8TX		Module for CWGE2FE24MODMS, 8 ports, 10/100Tx RJ-45 copper ports.
CWGE2FE24MOD8SF		Module for CWGE2FE24MODMS, 8 ports, 100Fx SFP ports.
CWGE28FX4TX24MS		Managed switch, 24 ports 10/100/1000Tx, 4 ports 1000Fx SFP, 1U 19" rack mount, operating temperature: -10°C/+60°C, 100-240Vac, IEC mains input.
CWGE26FX2TX24MSPOE		Managed switch, 22 ports 10/100/1000Tx + 2 combo ports 10/100/1000Tx or 100/1000Fx with PoE (IEEE 802.3at 30W), 2 ports 100/1000Fx SFP, 1U 19" rack mount, operating temperature: -10°C/+60°C, 400W PSU built-in, 100-240Vac, IEC mains input.
CNGE28FX4TX24MSPOE		Managed switch, 24 ports 10/100/1000Tx with PoE+ (IEEE 802.3at) 30W for all ports (max 720W), 4 ports 1000Fx SFP, C-Ring rendundant feature. Hardened version for use in harsh operating environments. Operating temperature: -40°C/+75°C. 1U 19" rack mount 720W. PSU built-in, 100-240Vac, IEC mains input.
SFP2		Industrial SFP module. Multimode, 100Fx, 1310 nm, 2 Km, 2 fibers, LC, MSA compliant.
SFP6		Singlemode, 1000Fx, 1310 nm, 15Km, 2 fibers, LC, MSA compliant.
SFP14A		Singlemode, 1000Fx, 1310 nm, 20Km, 1 fiber, SC, MSA compliant.
SFP16		Industrial small form-factor plugable (SFP) modules. Multimode, 1000Fx, 850 nm, 550 m, 2 fibers, LC, MSA compliant.

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Many other products are available consulting COMNET catalog.

ETHERNET NETWORK TRANSMISSION

JBX1100

Junction box and power supply 96-264Vac 50/60Hz, 12Vdc@1.5A. Complete with selectable terminal for power input, "ELPRO" type terminals for input and output video signal, BNC socket for local video service, switching power. Equipped with surge protection network and short circuits. IP66 die-cast aluminum housing suitable for industrial use. Dimensions: 253x217x93 mm. Cable entry/output at customer charge.

JBX1200

Junction box and power supply 96-264Vac 50/60Hz, 12Vdc@3A. Complete with selectable terminal with fuse for 230Vac power input, "ELPRO" type terminals for input and output video signal, BNC socket for local video service, switching power. Other features as JBX1100.

JBX2000

Junction box and power supply 230Vac. Complete with selectable terminal for power input, "ELPRO" type terminals for input and output video signal, BNC socket for local video service, terminal block for RS485. Equipped with surge protection network and short circuits. Other features as JBX1100.

JBX2006

Junction box and power supply 230Vac for PTZ/SpeedDome unit. Complete with selectable terminal with fuse for power input, "ELPRO" type terminals for input and output video signal, terminal block for RS485. IP66 die-cast aluminum housing suitable for industrial use. Dimensions: 192x168x80 mm. Power supply / transformer not included. Cable entry/output at customer charge.

JBX2700

Junction box and power supply 230Vac-24Vac@30VA. Complete with selectable terminal for power input, "ELPRO" type terminals for input and output video signal, BNC socket for local video service, terminal block for RS485. Full toroidal transformer low-emissivity electromagnetic isolation. Equipped with surge protection network and short circuits. IP66 die-cast aluminum housing suitable for industrial use. Dimensions: 253x217x93 mm. Cable entry/output at customer charge.
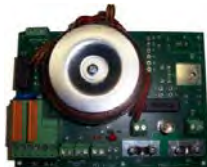
JBX2805

Junction box and power supply 230Vac-24Vac@100VA for PTZ/SpeedDome IP. Complete with selectable terminal for power input. RJ45 jack for Ethernet signal. Full toroidal transformer low-emissivity electromagnetic isolation. IP66 die-cast aluminum housing suitable for industrial use. Dimensions: 253x217x93 mm. Cable entry/output at customer charge.

JBX2806

Junction box and power supply 230Vac-24Vac@100VA for PTZ/SpeedDome. Complete with selectable terminal for power input, "ELPRO" type terminals for input and output video signal, BNC socket for local video service, terminal block for RS485. Full toroidal transformer low-emissivity electromagnetic isolation. Equipped with surge protection network and short circuits. IP66 die-cast aluminum housing suitable for industrial use. Dimensions: 253x217x93 mm. Cable entry/output at customer charge.

PSB01

Video and power supply board, with power transformer 230Vac-24Vac. Complete with selectable terminal for power input, terminals for local power socket out 230Vac, output terminals for camera power 24Vac, "ELPRO" type terminals for input/output video signal, BNC socket to local service video signal, terminal board for RS485, toroidal transformer low-emissivity electromagnetic isolation. Visual voltage indicator. It armored to protect network overvoltage and short circuits. Dimensions: 150x110 mm.

JBXKIT001

Interconnection kit between junction box and camera housing, including power cable, coaxial cable for video signal (L=1.5m). Protected inside a galvanized steel wire braided with thermoplastic cover. Operating temperature: 80°C max. INCLUDES ASSEMBLY AND CASE WIRING.

JBXKIT003

Interconnection kit between junction box and camera housing, including power cable, coaxial cable for video signal (L=1.5m). Protected inside a flexible galvanized steel wire braided suitable for high temperature. INCLUDES ASSEMBLY AND CASE WIRING.

JBXKIT006

Interconnection kit between junction box and camera housing/DOV with MIL-STD connector, including power cable, Cat5e UTP cable, coaxial cable for video signal (L=1.5 m), I/O signal cable as needed. Protected inside a flexible galvanized steel wire braided suitable for high temperature. INCLUDES ASSEMBLY AND CASE WIRING.

JUNCTION BOXES & KIT

J B X — **A** Voltage IN — **B** Voltage OUT — **C** Material — **D** Signal interface

J B X A B C D

A — Voltage IN	B — Voltage OUT	C — Material	D — Signal interface
0 = Ø	0 = Voltage IN	0 = Aluminum (IP66)	0 = COAX / COAX
1 = 96-264 Vac	1 = 12Vdc 1.5A	1 = Metal painted sheet (IP65)	1 = COAX / RJ45
2 = 230 Vac	2 = 12Vdc 3A	2 = Thermoplastic (IP66)	2 = COAX / FO
3 = 120 Vac	3 = 12Vdc 6A	3 = GRP (IP66)	3 = RJ45 / FO
4 = 240 Vac	5 = 24Vdc 1.5A	4 = Polycarbonate (IP65)	4 = RJ45+COAX / RJ45
	6 = 24Vdc 5A	5 = SS316 (IP66)	5 = RJ45 / RJ45
	7 = 24Vac 30VA	6 = Thermoplastic (for indoor)	6 = COAX+RS485 / COAX+RS485
	8 = 24Vac 100VA	8 = SS316 EEX E	7 = RS485 / RS485
	A = 48Vdc 3.75A	9 = GRP EEX E	X = to be specified
	B = 48Vdc 7A	A = Aluminum - ATEXIIB	
	D = PoE	B = Aluminum - ATEXIIC	
	E = PoE+	C = SS316 - ATEXIIB	
		D = SS316 - ATEXIIC	

JUNCTION BOXES PRODUCT CODE CONFIGURATION

ACCESSORIES

ALI.SW.12V1A Switching power supply 12V 1A 100-240Vac 50/60 Hz. Compact size with separate plug cable network.

ALI.SW.12V5A Switching power supply 12V 5A 100-240Vac 50/60 Hz. Dimensions: 58x36x142 mm + cable.

TALIM123A Switching power Volt adjustable from 10.5Vdc-14.5Vdc 3A, 115Vac-230V, 50/60Hz. Connections screw terminal and DIN rail mounting.

ALI-POE 8E4461 Power over Ethernet IEEE 802.3af injector, Mid-span single port 15.4W a 48Vdc. Integrated power supply unit 100-240Vac, 50/60Hz. Dimensions: 120x50x35 mm.

ALI-POE G30W Power over Ethernet IEEE 802.3at 30W injector; 1x10/100/1000-Base-TX port. PoE: 48Vdc. Dimensions (LxPxA): 53x95x25 mm; Separate power supply: 100-240Vac, 50/60 Hz included.

POWER ACCESSORIES

ACCESSORIES

Code	Description
VOL-5EFL-L0.5	Patch cords Cat. 5e shielded (FTP) LSOH 0,5 m.
RG59BU	Coaxial cable 75Ω, RG59 type. For video transmission up to 200 m. Price for each meter.
RG11AU	Coax cable impedance 75Ω, RG11 type. For video transmission up to 500 m. Price for each meter.
RG11AU ARMATO	Armoured RG11 coaxial cable.
MONOCAVO	Composed cable made with: coaxial impedence 75Ω, mini RG59 + 2x0,75 + 4x0,22 with blue insulation. For transmission of video signal up to 100 m.
QBX0502077GRSC0	FTP cable cat. 5e shielded, suitable fo connection in serial line and video with balun. Reel 305 m.
QBX05020576707	Cat 5 unshielded twisted 4 pairs cable. AWG24 solid anneals copper wire. Supplied 305 m.
QBX0502820GRBB1	UTP cat.6 unshielded cable, suitable fo connection in serial line and video with balun. Reel 305 m.
SP004	UTP Data Surge protection Device Terminal Connector for RS485 serial data lines.
SP001	Protection for video signals to high voltages and high frequencies.
TV-GL001	Coaxial video ground loop isolator BNC-M to BNC-F with mini cable 15 cm on both sides. Passive no power required. Prevents video signal distortion. No picture tearing, cross talk and rolling. Built in transient voltage suppressors for surge protection.
T-TCD102	Video distributor passive 1 video entry x 2 identical outputs. Module execution to be fixed in box or panel. Dimensions 80x50x50 mm. Provided power input 230Vac-12Vdc.
BNC-RG59	BNC 75Ω for coax cable RG59 to be crimped. Package of 10 pics.
APBC13-10	BNC male connector for RG59 to be crimped. Package of 10 pics.
APBC13	BNC male connector for RG59 to be crimped. Package of 100 pics.
BNC-RG11	BNC 75Ω for coax cable RG11 to be crimped. Package of 10 pics.
CAR200200M	Signaling plate "Area Video Surveillance" in aluminum.
RAV-0280	Fixed shelf for cabinets standard 19" rack depth 380 mm (2U).
801G	Crimping tool for BNC connectors - coax cable RG59.
RAV005M	Power distribution panel standard rack 19" with 5 outlets SHUKO with int. 16A, 250V 1P + N curve "C" protected against surges induced in the differential operations or lightning network. Cable 3x1.5. L= 2 m.
ARM19"PARETE	Wall mounted cabinet, removable side panels, 19" adjustable mounting rails, top and bottom cable entry windows, removable tampered glass front door with 180° opening. Venting openings for natural or forced air circulation (using venting kit), facility for earthing kit, grey finish RAL7035. Protection degree: IP20. Supplied fully assembled including kits as ordered.
ARM19"PAVIMENTO	Floor standing 19" steel painted cabinet complete with safety glass frontal door, and rear and side removable panels. Two apertures allow cable entry both from te base and from the top. Colour: grey RAL 7035. Protection degree: IP20. Norms IEC 297-1-EN 60529 complete with accessories for power distribution as necessary. Dimension aprox 600x600x1879 mm. 38U.
SOLTEC15W	Photovoltaic powering system suitable for powering 15W continuously up to 6 days. Composed by 2 high performance photovoltaic panels, weatherproof, structured to be pole-top mounted (max diam.: 93 mm) with slot for batteries, diagnostics and control unit, batteries. Everything furnished in kit to be assembled by the customer.

ASSEMBLING CABLES & CONNECTORS