35 YEARS
TELEDATA 1977-2012

TELEDATA®

NetEye | SteelEye

CCTV System

IP solution ONVIF
Hybrid DVR
Advanced image analysis

> **STEELEYE16HD** **Hybrid digital video recorder 16 channel** *Q3 2012*

HARDWARE Features

• 16 channel HD-SDI dvr following smpte 292M standard
• Recording speed: 400/480 fps at 1080P resolution.
  H264AVC standard compression
• Option for 2 video output HDMI
• 16 opto-insulated inputs programmable and 8 relay outputs
  (1A/12V), 8 open collector outputs (100mA/12V)
• Integrated DVD-RW recorder
• 2000 Gbyte or higher SATA HD for video surveillance
  applications (up to extra 4 HD). Raid 0 o 1
• NAS and DAS external option
• 2 RS485 serial line for local management or speed dome
• 2 integrated LAN 10/100/1000 Base T
• Watch dog and fault circuit
• Operative system 2011 on flash disk
• Size 435x134x400
• Table mounting with 19" rack 3U option
• Power supply: 230Vac/50Hz

Functional features for analogue cameras

• Real time DVR with 1080p at H264AVC.
  Live video and recording setting independent on each camera
• O.S.D. programmable for each channel

General features

•Remote set up by WEB interface
• Recording continuous and on alarm
• Blind detection function
• Video controls (Bright, Contrast, Sat, Hue) independently
  for each channel
• Video export: USB Key, DVD,
• Privacy protection
• Crypto protected images
• Remote software

DVR HDCCTV

> SKY8H HDCCTV 8 channel digital video recorder

- 8 channel HD-SDI dvr dual channel H264 Jpeg
- HD-SDI video input standard SMPTE 292M (1080p/720p)
- 1 HDMI/VGA output supporting 1080p
- Live viewing 240fps 1080p 720p selectable 1,4,9 channel
- Recording 120 fps at 1080p resolution and 240fps at 720p resolution
- 8 input and 4 output programmable
- 4 audio input 1 audio output
- Motion detection 22x15 grid
- 1 Tbytes HDD .Up to 4 HDD sata mounting option. DVD writer and USB interface built in

- Option for external storage. eSATA built in Lan interface 10 100
- Base T supporting TCP/IP, ARP, ICMP, DHCP, PPPoE, UDP, SMTP, SNMP, FTP, SNTP, HTTP, TLS
- Supporting dynamic IP through DDNS
- RS485 for PTZ
- Remote control by web interface or software management. Mobile webpage supported for iPhone, Blackberry Android platform
- Working temperature +5C° +45C°
- Dimension 445x442x88
- Power 100-240Vac 75 Watt

> SKY16H HDCCTV 16hannel digital video recorder *Q2 2012

Same features of VDHD800H but with following difference

- 16 channel HD-SDI dvr dual channel H264 Jpeg
- Live viewing 480fps 1080p 720p selectable 1,4,9,16 channel
- 16 input and 4 output programmable

> SKY4H HDCCTV 4hannel digital video recorder

Same features of VDHD800H but with following difference

- 4 channel HD-SDI dvr dual channel H264 Jpeg
- Live viewing 120fps 1080p 720p selectable 1,4 channel
- Recording 60fps at 1080p resolution and 120fps at 720p resolution
- 4 input and 4 output programmable

> SKY4HL HDCCTV 4 channel digital video recorder Entry level *Q2 2012

Same features of VDHD400H but with following difference

- Recording 30fps at 1080p resolution and 60fps at 720p resolution

> **VDHDT600012** HDCCTV box camera True Day&Night with WDR e 3DNR and ICR mechanical filter

- 2,2M Digital CMOS sensor Panasonic 1/3" progressive
- Video output Bt.1120, HD-SDI and analogue 1Vp-p (75 ohm, composite)
- Digital Resolution
- 1080P (30fps) 720P (60fps) 1100 tv lines. Analogue 750 TV lines
- Minimum illumination
  - Color 0.002Lux
  - BW DSS: 0.0008Lux
- True Day&Night con ICR mechanical filter
- Lens mount C/CS
- WDR (Wide Dynamic Range)e 3D DNR noise reduction
- Zero Defect Sense-Up Function (x512)
- Eclipse Function Internal/Line lock Function
- S/N ratio > 50db (AGC off)
- Digital zoom (x1-x32). DIS (Digital Image Stabilization)
- Motion Detection integrated. RS485 / PELCO-D optional
- LSC (Lens Shading Compensation)
- Privacy Mask (Polygonal Mosaic)
- O.S.D function (On screen display)
- Power supply 12Vdc/24vac 230mA

> **VD2812MP** 2 Megapixel Varifocal 1/3" auto iris 2,8 – 12 mm lens

- Varifocal 1/3" auto iris 2,8 - 12mm lens. F1,4-360
- CS mount and manual focus

> **VD0550MP** 2 Megapixel Varifocal 1/3" auto iris iris 5 – 50 mm lens

- Varifocal 1/3" auto iris 5 – 50mm lens. F1,6-360
- CS mount and manual focus

> **VDHD41VED** HDCCTV infrared camera 2,8-10mm varifocal True Day&Night with WDR e 3DNR and ICR mechanical filter

- 2,2 M Digital CMOS sensor Panasonic 1/3" progressive
- Video output Bt.1120, HD-SDI and analogue 1Vp-p (75 ohm, composite)
- Digital Resolution 1080P (30fps) 720P (60fps) 1100 tv lines
- Analogue 750 TV lines
- Minimum illumination Color: 1.0Lux
  - B/W: 0.5Lux
  - Color DSS: 0.002Lux
  - BW DSS: 0.0008Lux
- True Day&Night con ICR mechanical filter
- Lens 2,8-10mm varifocal and 40 IR LED
- WDR (Wide Dynamic Range) e 3D DNR noise reduction
- Zero Defect Sense-Up Function (x512)
- Eclipse Function Internal/Line lock Function
- S/N ratio > 50db (AGC off)
- Digital zoom (x1-x32) DIS (Digital Image Stabilisation)
- Motion Detection integrated. RS485 / PELCO-D optional
- LSC (Lens Shading Compensation)
- Privacy Mask (Polygonal Mosaic)
- O.S.D function (On screen display)
- Power supply: 12Vdc/24vac 300mA
- IP 66 rating
- Dimension: 72x72x140mm

> **VDHD40VHAD** HDCCTV infrared camera 2,8-10mm varifocal
True Day&Night with WDR e 3DNR and ICR mechanical filter

• 2,2M Digital CMOS sensor Panasonic 1/3" progressive
• Video output Bt.1120, HD-SDI and analogue 1Vp-p (75 ohm, composite)
• Digital Resolution 1080P (30fps) 720P (60fps) 1100 tv lines
• Analogue 750 TV lines
• Minimum illumination Color: 1.0Lux
  - B/W: 0.5Lux
  - Color DSS: 0.002Lux
  - BW DSS: 0.0008Lux
• True Day&Night con ICR mechanical filter
• Lens 2,8-10mm varifocal and 2x8 IR super LEDs up to 70 meters night vision
• WDR (Wide Dynamic Range)e 3D DNR noise reduction
• Zero Defect Sense-Up Function (x512)
• Eclipse Function Internal/Line lock Function
• S/N ratio > 50db (AGC off)
• Digital zoom (x1-x32) DIS (Digital Image Stabilization)
• Motion Detection integrated: RS485 / PELCO-D optional
• LSC (Lens Shading Compensation)
• Privacy Mask (Polygonal Mosaic)
• O.S.D function (On screen display)
• Power supply: 12Vdc/24vac 350mA
• Ip 66 rating
• Dimension: 93x90x235

> **VDHD70VA** HDCCTV minidome camera 2,8-10mm varifocal
True Day&Night with WDR e 3DNR and ICR mechanical filter

• 2,2M Digital CMOS sensor Panasonic 1/3" progressive
• Video output Bt.1120, HD-SDI and analogue 1Vp-p (75 ohm, composite)
• Digital Resolution 1080P (30fps) 720P (60fps) 1100 tv lines
• Analogue 750 TV lines
• Minimum illumination Color: 1.0Lux
  - B/W: 0.5Lux
  - Color DSS: 0.002Lux
  - BW DSS: 0.0008Lux
• True Day&Night con ICR mechanical filter
• Lens 2,8-10mm varifocal
• WDR (Wide Dynamic Range) e 3D DNR noise reduction
• Zero Defect Sense-Up Function (x512)
• Eclipse Function Internal/Line lock Function
• S/N ratio > 50db (AGC off)
• Digital zoom (x1-x32) DIS (Digital Image Stabilization)
• Motion Detection integrated: RS485 / PELCO-D optional
• LSC (Lens Shading Compensation)
• Privacy Mask (Polygonal Mosaic)
• O.S.D function (On screen display)
• Power supply: 12Vdc/24vac 230mA
• Ip67 rating
• Dimension: 143Øx 108mm

Mini Dome HDCCTV

Speed Dome HDCCTV

> VDSPHD20 HDCCTV Speed dome 20x optical *on request*

- 2,2M Digital CMOS sensor Panasonic 1/3" progressive
- Video output Bt.1120, HD Digital Resolution 1080P (30fps) 720P (60fps)
- Zoom: 20X optical 12x digital
- 4,7mm 984mm lens
- 8 Alarm input (NC/NO) and 2 alarm output (NC / NO)
- S/N ratio 50 dB (AGC: Off)
- Minimum illumination Color 0.1 Lux at F1.6 B/W 0.02 Lux at F1.6
- Pan range: 360° Continuous Tilt Range: 0° ~ +94 - Pan speed 360°/s. Tilt speed 150° /s
- Osd in English
- 8 Privacy zone and motion detection function
- 255 Preset position 8 tour
- Iris e ICR, Home Position, Patrol function
- IP 66 rating
- Size 236(Ø) x 325.9(H) mm – 166(Ø) dome
- Weight: 4,4Kkm
- Power 24Vac adapter not included 18W
- Working temperature -20°C, +50°C heater included
- Wall bracket included

> VDTF24AC 24Vac transformer for speed dome

Monitor HDCCTV

> TFTLCD17DHDMI 17" flat monitor LCD with HDMI input

- 17" TFT Monitor (Grade A)
- Resolution: 1024x768
- Brightness: 260 (cd/m2)
- Aspect ratio: 4:3
- Contrast ratio: 500:1
- Pixel Pitch: 0,264mm
- Viewing angle: 70(H), 70(V), 60(UP), 45(DOWN)
- Color: 16,7M
- Video input: 1 x HDMI input
- Button auto/menu/Up/Down/Power
- Power supply: 12Vdc Consumption < 24W. Switching power supply: 90-260Vac included
- Table mounting: Vesa compatible
- Weight: 3,5Kgm carton included

Cyclic HDCCTV

> VDHS04 4 input 1 output HDMI switcher

- Compliance HDMI 1.3a
- Support different resolution and up to 720p , 1080i e 1080p 60Hz
- Build in auto jump function to automatically select the new video input

> **VDHDCVDH** Converter for HD-SDI video signal

- 1 HD-SDI video output. Standard SMPTE292M compatible plus 1 HDMI output
- Capable to reach 200mt capability
- Power supply: 12Vdc 100mA

> **VDHE01S** Transmitter for HDMI over CAT5/6 up 30/50/70mt

- Compliant HDMI 1,3a
- Up to 70mt 1080i 50mt 1080p
- Built in auto equalization
- Up to 30 meters con passive receiver VDHE01SER at1080p
- No need external power

> **VDHE01SER** Receiver for per HDMI over CAT5/6 up to 30/50mt

- Compliant HDMI 1,3a
- Up to 30 meters with VDHE01S at 1080p, 50 mt at 1080i
- No need external power

> **VD9331DRRR** Receiver for HDCCTV video signal and transceiver rs485 over fiber optics. Rack 19" mount *on request*

- Converter for video signal SMPTE292M-295M over multimode fiber optics
- Automatic configuration for display format
- 1 BNC connector transmitter, 2 BNC with loop for receiver
- Transceiver rs485 with 4 pin terminal block (option)
- Bandwidth supported from 270Mbps to 1,485Gbps
- Working temperature: -30C° + 70C°
- Power: 5Vdc 6W
- Dimension: 201X192X28 stand alone 485X256X177 Rack 19" 1U

> **VD9331DT** Transmitter for HDCCTV video signal over fiber optics *on request*

Same features of VD9331DRRR

> **VD9331DR** Receiver for HDCCTV video signal over fiber optics *on request*

Same features of VD9331DRRR

> **VD9331DRR** Receiver for HDCCTV video signal over fiber optics Rack 19" mount *on request*

Same features of VD9331DRRR

> **VD9331DTR** Transmitter for HDCCTV video signal and transceiver rs485 over fiber optics *on request*

Same features of VD9331DRRR

> ## NET EYE Teledata NVR software for IP cameras Onvif Standard

- Up to 64 IP cameras
- Full screen display 4 9, 16, e 32 cameras
- Recording up to a 25fps for all cameras in megapixel resolution
- Different recording format : SXGA (1280x960) , SXGA+ (1400X1050) , HD 720 e HD1080
- Image recording with time slot ,motion alarm , or alarm trigger .
- Remote and local playback functions.
- Security password with different user level
- Manage PTZ cameras and speed dome
- Pentaplex functions (local recording, local visualization, playback , remote visualization)
- Image saving on external HD or USB
- Remote interface VNC
- Remote SW upgrade
- Multilanguage Software
- SO Windows 7 o server 2003. And operating system EMBEDDED XPE e XP2011
- Compatible brands: Teledata and ONVIF

> ## NET EYE CLIENT Client software for viewing IP cameras Onvif Standard and Steeleye

- Software with capability of 64 + 64 video streams coming from IP cameras end/or Steeleye
- First 64 video stream on monitor 1, second 64 streams on monitor 2
- Live viewing full screen , 4 , 9, 16, 32 and 64 video for each monitor
- Remote playback on single camera
- Password management
- Windows 7 or server 2003 operative
- Compatible products: Teledata and ONVIF IP cameras
- Multi language software

> ## NET EYE WALL Video matrix Visualizing Software for IP products   *Q2 2012

- Multi screen stream video view Up to 4 monitors usable
- Full screen 2x2 up to 64 video cameras for monitor view
- Compatible models: Teledata, ACTI and protocol ONVIF

> ## MINI EYE NVR software for IP cameras untill 16 IP video cameras *on request

Same features NET EYE with:

- Management up to 16 IP video cameras
- Full screen, 4, 9, 16 video cameras view

> ## OUNETEYE Output relè for Neteye SW

- 4 relè card for HWSERVERNETEYE
- USB interface

ONVIF

> **NASTD** Network storage server *on request*

• Network storage server for storing video streams
• Up to 4 HD sata 3 gbytes each o (Option for 8 e 12 HD units)
• RAID 0, 1, 5, 6
• 2 Lan Gbytes
• Size 44x430,5x 457,5 mm rack 19" 1 U
• Weight 7,1Kgm

> **HWSERVERNETEYE** HW for SW Neteye and SW Minieye

• HW management SW NetEye
• Available storage capacity of the second variable
• Request more information

> **HWCLIENTNETEYE** HW for SW NeteyeClient

• HW to SW management NeteyeClient
• Available outputs Variable Monitor
• Request more information

> **VDNVR116** 16 channel network video recorder

- Frame rate and resolution 480 fps (D1, H.264)160fps(1,3Mpixel)
- Two way audio
- CPU &Memory ARM9 500Mhz/128MB DDR RAM
- Ethernet 10BaseT / 100BaseT/1GBaseT
- HDD SATA 2 Slot. Max. Capacity: 4TB (2TB per HDD) HD 1gbytes. Supported external SATA and Raid 0, 1
- Full control off the NVR by web interface

- Live view 1/4/9/13/16 by web interface
- Play back 1/4 image export image on local computer or on USB
- Password management , event/log and mail/ftp event action
- 8 digital input and 4 digital output, 1 RS 485
- Temperature Operating: 5 °C ~ 45 °
- Power: 19V DC/90W
- Dimensions: 220 x 215 x 81 mm

> **VDNVR108** 8 channel network video recorder *on request*

Same feature of VDNVR116 but with following difference:

- Frame rate and resolution: 240 fps (D1, H.264), 80fps (1,3Mpixel)
- Not supported external SATA and Raid 0, 1

> **VDNVR104** 4 channel network video recorder *on request*

Same feature of VDNVR116 but with following difference

- Frame rate and resolution: 120 fps (D1, H.264), 40fps (1,3Mpixel)
- Not supported external SATA and Raid 0, 1

> **Supported cameras-For additional info please ask model list**

Teledata Axis/Sony/Panasonic/AVTech/Canon/D-Link/ACTi/Zavio/ AMTK/ Vivotek/Arecont Vision/Etrovision/Level 1/Mobotix/ Toshiba/Abus/Planet/ Pixord/IQInvision/A-Linking/Brickcom/ Hunt

> **Minimum HW requirment**

- CPU: Intel Core 2 Duo at 2.4 Ghz or higher
- RAM: 1GB or above

> **VD9171** IP Camera 2Megapixel resolution ICR Day&Night

- Megapixel CMOS progressive sensor.
- C-mount o CS mount Lens
- 1600x1200 pixels
- Minimum illumination 0,5 lux (30 IRE F 1,4 colour) 0,01 lux (30 IRE F1,4 B/W)
- Automatic IR Cut Filter Switching
- Audio transmission
- Video stream
- Dual codec and dual stream H264 e Mjpeg (720P/30fps + VGA/30fps)
- Maximum resolution Mjpeg 1600x1200 25fps, H264 1280x960 15fps o 1280x720 30fps
- Configurable video compression from 16Kbit/s a 20Mbit/s
- 1 input and 1 output alarm
- 1 BNC output 1Vpp
- Working temperature: -10 ºC ~ 50 ºC
- Power Supply: 12V DC / 1A
- Dimension: 140(W) X 65(H)X 55(D) mm

> **VD9171P** IP Camera 2 Megapixel resolution ICR Day&Night with Poe

Same features VD9171P with:

- POE functionality

> **VD358B** Varifocal 1/3" auto iris 3,5 - 8 mm lens F1,4-360

- Varifocal 1/3" auto iris 3,5 – 8 mm lens F1,4-360
- CS mount and manual focus

> **VD358M** Varifocal 1/3" manual iris 3,5 - 8 mm lens F1,4-360

- Varifocal 1/3" manual iris 3,5 – 8 mm lens F1,4-360
- CS mount and manual focus

> **VD615A** Varifocal 1/3" auto iris 6 - 15mm lens F1,4-360

- Varifocal 1/3" auto iris 6 – 15mm lens F1,4-360
- CS mount and manual focus

> **VD615M** Varifocal 1/3" manual iris 6 - 15 mm lens F1,4-360

- Varifocal 1/3" manual iris 6 – 15 mm lens F1,4-360
- CS mount and manual focus

> **VD2812A** Varifocal 1/3" auto iris 2,8 - 12mm lens F1,4-360

- Varifocal 1/3" auto iris 2,8 – 12 mm lens F1,4-360
- CS mount and manual focus

> **VD2812M** Varifocal 1/3" manual iris 2,8 - 12 mm lens F1,4-360

- Varifocal 1/3" manual iris 2,8 – 12 mm lens F1,4-360
- CS mount and manual focus

ONVIF

> VD660A Varifocal 1/3" auto iris 6 – 60 mm lens F1,6

- Varifocal 1/3" auto iris 6 – 60 mm lens F1,6
- CS mount and manual focus

> VD660M Varifocal 1/3" manual iris 6 – 60 mm lens. F1,6

- Varifocal 1/3" manual iris 6 – 60 mm lens F1,6
- CS mount and manual focus

> VD9671P Outdoor IP Camera 2Megapixel resolution ICR Day&Night with IR leds *on request*

- Megapixel 2 Mpixel CMOS progressive sensor
- Varifocal lens 3,6 – 16 mm mm
- 1600x1200 pixels
- Minimum illumination 0,1 lux F 1,4 colour 0, lux B/W
- 48 infrared LEDs for 25 meter distance
- Automatic IR Cut Filter Switching
- Audio transmission
- Video stream
- Dual codec and dual stream H264 e Mjpeg (720P/30fps + VGA/30fps)
- Maximum resolution Mjpeg 1600x1200 @ 15fps, H264 1280x960 15fps o 1280x720 30fps
- Configurable video compression from 16Kbit/s a 20Mbit/s
- 1 input and 1 output alarm
- 1 input and 1 output audio channel G711 G726
- IP rating 67. 250mm(L) x 90mm(W) x 89mm(D)
- Working temperature: -10 ºC ~ 50 ºC
- Power Supply: 12V DC and Poe IEEE802.af

Mini Dome IP

> VD9371P Vandalproof IP dome Camera 2Megapixel resolution ICR Day&Night *on request*

- Megapixel CMOS progressive sensor
- Varifocal lens 3,6 9 mm
- 1600x1200 pixels
- Minimum illumination 0,1 lux F 1,4 colour 0,01 lux B/W
- Automatic IR Cut Filter Switching
- Audio transmission
- Video stream
- Dual codec and dual stream H264 e Mjpeg (720P/30fps + VGA/30fps)
- Maximum resolution Mjpeg 1600x1200 @ 15 fps, H264 1280x960 15fps o 1280x720 30fps
- Configurable video compression from 16Kbit/s a 20Mbit/s
- SD/SDHC card supported
- 1 input and 1 output alarm
- 1 input and 1 output audio channel G711 G726
- IP rating 66 vandal proof . 142Øx109.8mm
- Working temperature: -10 ºC ~ 50 ºC
- Power Supply: 12V DC and Poe IEEE802.af

> **VD957218P** Outdoor speed dome Day&Night IP, zoom 18x

- 1/4" Sony exview HAD CCD
- Wide dynamic range and ICR
- F1,4 4,0 (f 4,1 73,8mm)
- Zoom 18x optical 12x digital
- Minimum illumination0,01Lux
- Pan speed 400°/sec tilt speed 200°/sec
- 64 preset and 5 tour available
- Protocols RTSP/RTP/UDP,RTSP/RTP/TCP,RTSP/RTP/HTTP tunneling LAN multicast IPv4, HTTP, TCP, ICMP, DHCP, NTP, SMTP, FTP, UPnP, PPPOE, DNS, DDNS
- H264, M-JPEG Dual Streams Simultaneously
- Resolution (704 x576 pixels) with up to 30fps
- Configurable video compression from 64kbit/s up to 6Mbit/s
- 2 audio channel, 1 input and 1 output standard G711, G726
- 4 input alarm and 1 output alarm. 1 BNC output 1Vpp
- Dimension: 220Øx260
- IP rating 66
- Working temperature: -10 ºC ~ 50 ºC
- Power Supply: 12Vdc / 1A and Poe

> **VD957236P** Outdoor speed dome Day&Night IP, zoom 36x

Same features than VD957218:

F1,4 4,0 (f 3.4-122.4mm). Zoom 36x Optical 12x digital

> **VDSTSO** Bracket wall mount for speed dome VD957218P and VD957236P

> **VDSTMU** Bracket wall mount for speed dome VD957218P and VD957236P

> **VDSTPO** Bracket for pole for speed dome VD957218P and VD957236P

> **JTNETEYE** Joystick for Neteye software for PTZ management

- USB connection to Hwserverneteye

Video decoder

Accessories for IP cameras

> **VD7743** 4 channel video server

- Signal converter from analog to IP type
- Video compression H264, MJPEG
- Support up to 4 stream H264 with 704x576 resolution each channel 25fps
- Dual Codec and dual stream H264 or Mjpeg
- 4 input CVBS 1Vpp with BNC connector
- 4 alarm input TTL and 4 output
- 1 RS485
- Supported protocol Pelco P e Pelco D
- Dimensions 193x162x40,5
- Working temperature: -10 ºC ~ 50 ºC
- Power Supply: 12V DC / 1A

> **VDP1208** Switch POE *on request*

- Standard:IEEE802.3 10 Base(10 Mb),IEEE802.3u 100 Base-TX/FX IEEE802.3(10/100Mb), IEEE802.3af (standard Poe)
- Address table size:1024 MAC address
- Input voltage: 48Vdc for 15,4W on POE port 55Vdc for 30w on POE port
- Power consumption: 72W Max 1,5A@48Vdc, 130w Max 2,3A@55Vdc
- Overload current protection and reverse polarity protection
- Interface: ethernet port 10/100BaseTX:8port optional 6 port TX(cat.5) 2 port FX(optical fiber), or 7 Port TX(cat.5) 1 port FX(optical fiber)
- Dimensions:68mm(W)x110mm(D)x135mm(H)
- Casing: aluminum case, IP30, CE compliant
- Weight: 1 Kg

> **VDIP01** IP extender over Coax cable

- Send IP signal over existing coax cable
- Follow 10 Base T specifications
- Transmitter and receiver isolated
- 200mt range
- No power required

> **VDIP05S** Poe splitter *on request*

- Splits 24Vdc Poe into 5 - 12 Vdc power
- Support up to 12,95 Watts
- Distance uo to 100 meters

DVR with internat battery

> STEELEYE 16MBT Hybrid digital video recorder 16 channel wall cabinet version *on request

HARDWARE Features
• 16 inputs CCIR color o b/n compatible (1.0Vp-p/75 Ohm)
• Recording speed: 400/480 fps at D1/4CIF high resolution H264AVC compression
• Recording speed: 300/360 fps at D1/4CIF high resolution H264SVC compression for maximum 12 cameras (option) 5 video composite outputs with alarm cyclic function
• 1 video VGA output programmable
• 16 opto-insulated inputs programmable
• 8 relay outputs (1A/12V), 8 open collector outputs (100mA/12V)
• Integrated DVD-RW recorder
• 1000 Gbyte or higher SATA HD for video surveillance applications (up to extra 4 HD). Raid 0 o 1 NAS and DAS external option
• 2 RS485 serial line for local management or speed dome
• 2 integrated LAN 10/100/1000 Base T
• Watch dog and fault circuit
• Operative system 2011 on flash disk
• Size: 555x400x200
• Table mounting with 19" rack 3U option
• Power supply: 230Vac/50Hz
• Wall cabinet version including metallic key and tamper

Functional features for analogue cameras
• Real time DVR with D1/4 CIF resolution 25 fps each camera 264AVC and H264SVC selectable.
• Live video and recording setting independent on each camera Possibility to retrieve live and recording video in scalable format from original using H264SVC compression
• Integrated video analysis on each camera (option)
  - Outdoor motion
  - Theft and abandonment object
  - Crossing passage
  - Counting people
  - Video compression with different codec H.264, MPEG 4 (XVID)
• O.S.D. programmable for each channel
• 7Ah battery operation. Battery not included

General features
• Remote set up by WEB interface
• Recording continuous and on alarm
• Blind detection function
• Video controls (Bright, Contrast, Sat, Hue) independently for each channel
• Video export: USB Key, DVD
• Privacy protection
• Crypto protected images
• Remote software

> STEELEYE 8MBT Real time digital video recorder 8 channel wall cabinet version *on request
Same version STEELEYE 16

> STEELEYE 32MBT Real time digital video recorder 32 channel wall cabinet version *on request
Same version STEELEYE 16

> Steel eye Audio Management board for audio channels on Steel Eye *on request
• 16 audio input channels, 1 audio output channel
• Audio compression: G.711

DVR professional real - time

> **STEEL EYE 16** Real time digital video recorder 16 channel

HARDWARE Features
- 16 inputs CCIR color o b/n compatible (1.0Vp-p/75 Ohm)
- Recording speed: 400/480 fps at D1/4CIF high resolution H264AVC compression
- Recording speed: 300/360 fps at D1/4CIF high resolution H264SVC compression for maximum 12 cameras (option) 5 video composite outputs with alarm cyclic function
- 1 video VGA output programmable
- 16 opto-insulated inputs programmable
- 8 relay outputs (1A/12V), 8 open collector outputs (100mA/12V)
- Integrated DVD-RW recorder
- 1000 Gbyte or higher SATA HD for video surveillance applications (up to extra 4 HD). Raid 0 o 1 NAS and DAS external option
- 2 RS485 serial line for local management or speed dome
- 2 integrated LAN 10/100/1000 Base T
- Watch dog and fault circuit
- Operative system 2011 on flash disk
- Size 435x134x400
- Table mounting with 19" rack 3U option
- Power supply: 230Vac/50Hz

Functional features for analogue cameras
- Real time DVR with D1/4 CIF resolution 25 fps each camera 264AVC and H264SVC selectable.

- Live video and recording setting independent on each camera Possibility to retrieve live and recording video in scalable format from original using H264SVC compression
- Integrated video analysis on each camera (option)
  - Outdoor motion
  - Theft and abandonment object
  - Crossing passage
  - Counting people
  - Video compression with different codec H.264, MPEG 4 (XVID)
- O.S.D. programmable for each channel

General features
- Remote set up by WEB interface
- Recording continuous and on alarm
- Blind detection function
- Video controls (Bright, Contrast, Sat, Hue) independently for each channel
- Video export: USB Key, DVD
- Privacy protection
- Crypto protected images
- Remote software

> **STEEL EYE 8** Real time digital video recorder 8 channel

Same features to STEELEYE 16 but with:

HARDWARE Features
- 8 inputs CCIR colour o b/n compatible (1.0Vp-p/75 Ohm)
- Recording speed: 200/240 fps at D1/4CIF high resolution

> **STEEL EYE 32** Real time digital video recorder 32 channel

Same features to STEELEYE 16 but with:

HARDWARE Features
- 32 inputs CCIR color o b/n compatible (1.0Vp-p/75 Ohm)
- Recording speed: 800/960 fps at D1/4CIF high resolution

> **STEEL EYE 16M** Hybrid digital video recorder 16 channel wall cabinet version

HARDWARE Features
• 16 inputs CCIR color o b/n compatible (1.0Vp-p/75 Ohm)
• Recording speed: 400/480 fps at D1/4CIF high resolution H264AVC compression
• Recording speed: 300/360 fps at D1/4CIF high resolution H264SVC compression for maximum 12 cameras (option) 5 video composite outputs with alarm cyclic function
• 1 video VGA output programmable
• 16 opto-insulated inputs programmable
• 8 relay outputs (1A/12V), 8 open collector outputs (100mA/12V)
• Integrated DVD-RW recorder
• 1000 Gbyte or higher SATA HD for video surveillance applications (up to extra 4 HD). Raid 0 o 1 NAS and DAS external option
• 2 RS485 serial line for local management or speed dome
• 2 integrated LAN 10/100/1000 Base T
• Watch dog and fault circuit
• Operative system 2011 on flash disk
• Size: 555x400x200
• Table mounting with 19" rack 3U option
• Power supply: 230Vac/50Hz
• Wall cabinet version including metallic key and tamper

Functional features for analogue cameras
• Real time DVR with D1/4 CIF resolution 25 fps each camera 264AVC and H264SVC selectable.
• Live video and recording setting independent on each camera Possibility to retrieve live and recording video in scalable format from original using H264SVC compression
• Integrated video analysis on each camera (option)
  - Outdoor motion
  - Theft and abandonment object
  - Crossing passage
  - Counting people
  - Video compression with different codec H.264, MPEG 4 (XVID)
• O.S.D. programmable for each channel

General features
• Remote set up by WEB interface
• Recording continuous and on alarm
• Blind detection function
• Video controls (Bright, Contrast, Sat, Hue) independently for each channel
• Video export: USB Key, DVD
• Privacy protection
• Crypto protected images
• Remote software

> **STEEL EYE 8M** Real time digital video recorder 8 channel wall cabinet version

Same version STEELEYE16 but with:

• Dimensioni: 550x400x200

> **STEEL EYE 32M** Real time digital video recorder 32 channel wall cabinet version

Same version STEELEYE16 but with:

• Dimensions: 860x470x200

> **Steel eye Audio** Management board for audio channels on Steel Eye

• 16 audio input channels, 1 audio output channel
• Audio compression: G.711

> **STARGATE 16M** DVR real time 16 channel wall cabinet version

HARDWARE Features

• 16 CCIR color or b/w compatible inputs (1.0Vp-p/75 Ohm)
• 4 composite Video outputs with video matrix function
• 1 VGA Video output and 1 duplicated composite output
• 32 opto-insulated inputs
• 8 relay outputs (1A/12V)
• 8 open collector outputs (100mA/12V)
• 1 audio channel
• Integrated DVD-RW reader/writer
• 500 Gbyte SATA HD or higher for video monitoring (up to 4 additional HD)
• Recording speed 400/480 fps at high resolution 4CIF
• 1 RS485 serial line for local or speed dome management
• 1 LAN 10/100 output Integrated Base T
• Watch dog circuit
• Power supply 230Vac/50Hz
• 19" rack module 4U 50cm depth

Functional performance

• Real time DVR with 4CIF image regulation and definition (25 frame/sec for each video channel)
• Advanced imagine analysis integrated on 16 video cameras independently for each function:
- Slow motion
- Motion advanced / tracking object
- outdoor motion
- people counter and behavioural analysis
• Selectable multiprotocol video compression in H.263, JPEG, MPEG 4
• Audio compression G.728
• Remote management software mod. Observer (Win XP) Palm view (Win Mobile)
• Motion search function associated to image play back
• Pre-alarm recording
• Compliant to DLG675/96 Standards
• Images with crypto protection
• Operating system embedded on Flash disk

> **STARGATE 8M** DVR real time 8 channel wall cabinet version

Same features to STARGATE 16M but with:

HARDWARE Features

• 8 CCIR color or b/w compatible inputs (1.0Vp-p/75 Ohm)
• Recording speed 200/240 fps at high resolution 4CIF

> NETTUNO 8M Professional DVR fanless 8 channel wall cabinet version

HARDWARE Features

• 8 CCIR color or b/w compatible inputs (1.0Vp-p/75 Ohm)
• 4 composite Video outputs with video matrix function
• 1 VGA Video output and 1 duplicated composite output
• 16 opto-insulated inputs
• 4 relay outputs (1A/12V)
• 4 open collector outputs (100mA/12V)
• 1 audio channel
• External DVD-RW reader/writer on USB port
• 500 Gbyte SATA HD or higher for video monitoring
• Recording speed 100/120 fps at 4CIF resolution
• 1 RS485 serial line for local or speed dome management
1 LAN 10/100 output Integrated Base T
• Watch dog circuit
• Power supply 230Vac/50Hz

Functional performance

• Real time DVR with 4CIF image regulation and definition (25 frame/sec for each video channel)
• Advanced imagine analysis integrated on 8 video cameras independently for each function: - Slow motion - Motion advanced / tracking object - outdoor motion, - people counter and behavioural analysis
• Selectable multiprotocol video compression in H.263, JPEG, MPEG 4
• Audio compression G.728
• Remote management software mod. Observer (Win XP) Palm view (Win Mobile)
• Motion search function associated to image play back
• Pre-alarm recording
• Compliant to DLG675/96 Standards
• Images with crypto protection
• Operating system embedded on Flash disk

> NETTUNO 4M Professional DVR fanless 4 channel wall cabinet version

Same features to NETTUNO 8M but with:

HARDWARE Features

• 4 CCIR color or b/w compatible inputs (1.0Vp-p/75 Ohm)

> TD RAID Additional HD with mirroring function of the Main HD

• Automatic function reset without loss of data in the event of a fault on the main HD

> TELECOMANDO Remote control for Teledata DVRs

• Infrared USB receiver
• Provides remote control of Teledata DVRs

> TD SVGAPAL SVGA output switch for PAL monitor

• Replicates the SVGA output on the service monitor into a standard PAL monitor output; it also maintains the SVGA output.
• Maximum resolution 1600*1024 pixels SVGA => 1 PAL + 1 SVGA
• Assembled inside the Teledata DVRs

Stand alone digital recorders

> GUARDIAN 4A H264 Digital video recorder 4 channel

HARDWARE Features

- Video Input: 4 X (1Vpp 75 Ohm) BNC
- Video Output: 1 X (Monitor Out) BNC
- XGA Output: Adjustable 1440 X 900 (MAX)
- Audio Input: 4 X RCA , Output: 1 X RCA
- MultiMotion Detection Areas (Alarm Trigger, Motion Trigger, Video Loss)
- Remote Back Up – Playback via IE browser
- Up to 720 X 480 D1 Recording resolution NTSC MAX 120 fps / PAL: MAX 100 fps

- Display Frame: NTSC: MAX 120 fps / PAL: MAX 100 fps D1 resolution
- Compression H.264
- HDD 500 GB included
- Network & Remote Control: SMTP, DHCP, PPPoE, TCP/IP, DDNS
- PTZ Control: YES (PELCO P-D)
- POWER SUPPLY: DC 12V/4A (AC100 V 240 V 50/60 Hz
- Dimension: 314mm X 430mm X 53mm (L X W XH)
- Operating Temperature: 0°C – 46°C
- Weight: 2,83 Kg (without HDD and Power Adapter)

> GUARDIAN 8A H264 Digital video recorder 8 channel

Same features to GUARDIAN 4 but with:

HARDWARE Features

- Supports 4 Audio inputs – 8 Video Inputs
- Display Frame: NTSC: MAX 240 fps / PAL: MAX 200 fps
- Recording Frame: NTSC: MAX 240 fps / PAL: MAX 200 fps

> GUARDIAN 16A H264 Digital video recorder 16 channel

Same features to GUARDIAN 4 but with:

HARDWARE Features

- Video Input: 16 X (1Vpp 75 Ohm) BNC
- Audio Input: 4 x RCA (CH4 Two-way Audio)
- XGA Output: Adjustable 1280 X 10240 (MAX)

ACCESSORIES

> ALIMUNICO Power supply for all recorders GUARDIAN

> VDT6000 WDR/3D DNR True Day&Night Box Camera

- Sony 1/3" SuperHAD II CCD
- High Resolution 700TV Lines
- Min illumination 0.0002 Lux (15IRE,F1.2)
- True Day&Night by mechanical ICR
- WDR (Wide Dynamic Range)
- 3D DNR (Digital Noise Reduction)
- DSS function
- Zero Defect Sens-Up Function (x512)
- Eclipse Function Internal/Linelock Function
- Digital Zoom (x1-x10) Back Light Compensation
- DIS (Digital Image Stabilization)
- Motion Detection RS485 / PELCO-D
- LSC (Lens Shading Compensation)
- Privacy Mask (Polygonal Mosaic)
- O.S.D menu function
- Power supply: AC90 -240V

> VDT6000 12 WDR 3D DNR True Day&Night Box Camera, 12Vdc *on request

Same feature of VDT6000 but with:

- Power supply: 12Vdc

> VD6306 Day&Night video camera DSP 1/3" SONY

- 530 line colour TV
- Composite video output 1Vp-p/75ohm 0.5 Lux F1,2 0 Lux With active IR
- Automatic BLC
- Automatic electronic shutter
- S/N ratio = 48db
- Operating temperature -10C° + 50C°
- Power supply: 230Vac
- Consumption: 3W

> VD630612 Digital camera Day&Night DSP 1/3" SONY *on request

Same features to VD 6306 but with:
- Power supply: 12Vd
- Consumption: 250mA

> **VD358B** Varifocal 1/3" auto iris 3,5 – 8 mm lens F1,4-360

- Varifocal 1/3" auto iris 3,5 – 8 mm lens F1,4-360
- CS mount and manual focus

> **VD358M** Varifocal 1/3" manual iris 3,5 – 8 mm lens F1,4-360

- Varifocal 1/3" manual iris 3,5 – 8 mm lens F1,4-360
- CS mount and manual focus

> **VD615A** Varifocal 1/3" auto iris 6 – 15mm lens F1,4-360

- Varifocal 1/3" auto iris 6 – 15mm lens F1,4-360
- CS mount and manual focus

> **VD615M** Varifocal 1/3" manual iris 6 – 15 mm lens F1,4-360

- Varifocal 1/3" manual iris 6 – 15 mm lens F1,4-360
- CS mount and manual focus

> **VD2812A** Varifocal 1/3" auto iris 2,8 – 12mm lens F1,4-360

- Varifocal 1/3" auto iris 2,8 – 12 mm lens F1,4-360
- CS mount and manual focus

> **VD2812M** Varifocal 1/3" manual iris 2,8 – 12 mm lens F1,4-360

- Varifocal 1/3" manual iris 2,8 – 12 mm lens F1,4-360
- CS mount and manual focus

> **VD660A** Varifocal 1/3" auto iris 6 – 60 mm lens F1,6

- Varifocal 1/3" auto iris 6 – 60 mm lens F1,6
- CS mount and manual focus

> **VD660M** Varifocal 1/3" manual iris 6 – 60 mm lens. F1,6

- Varifocal 1/3" manual iris 6 – 60 mm lens F1,6
- CS mount and manual focus

> VD703 IR Camera middle resolution

- Colour video camera –CCD Sony 1/3" 420 TVL
- Composite video output 1Vp-p/75ohm
- 3.6 mm lens
- 12 LEDS with 15m range capacity
- Minimum illumination 0 lux/F1.2
- Ip rating IP55
- Operating temperature: -10C° + 50°C
- Power supply: 12Vdc 250mA

> VD704 IR Camera middle resolution

Same feautures to VD703 but with:

- Colour video camera –CCD Sony 1/3" 540 TVL

> VD758A IR camera with varifocal lens middle resolution

- 420 TVL
- SONY 1/3" CCD
- Lens 4–9 mm Varifocal Auto Iris Lens
- Mini. Illumination: 0,01 Lux
- IR LED: 36 LED units
- IR View Distance 35 m
- Waterproof IP66
- Electronic Shutter Time 1/50-1/100,000s
- White Balance automatic
- Back Light Compensation
- Storage Temp. -30° C +60° C RH95%MAX
- Power: 12 Vdc 400mA
- Dimension 228 x 97 x 84 mm

> VD759 IR camera with varifocal lens high resolution

Same feautures to VD748A but with:

- 540 TVL

> VD759L2 Telecamera a LED IR alta risoluzione e varifocal

Same features to VD759 but with:

- varifocal auto iris lens 2,8 12 mm

> VD760 IR camera with varifocal lens high resolution and mechanical IR filter

- 540 TVL
- SONY 1/3" CCD
- Lens 4–9 mm Varifocal Auto Iris Lens
- ICR mechanical
- Mini. Illumination: 0,01 Lux
- IR LED: 36 LED units
- IR View Distance 35 m
- Waterproof IP66
- Electronic Shutter Time 1/50-1/100,000s
- White Balance automatic
- Back Light Compensation
- Storage Temp. -30° C +60° C RH95%MAX
- Power: 12 Vdc 400mA
- Dimension 228 x 97 x 84 mm

Day&Night video cameras with infrared illuminator

> **VD6860** Infrared video camera with Day&Night varifocal lens high resolution with mechanical IR filter

• Sony 1/3" SuperHAD CCD High Resolution 600TV Lines
• Function True Day&Night with mechanical IR
• Lens 5 – 15 mm DC Auto Iris Lens
• IR LED: 48 LED
• Minimum illumination 0,0001 lux
• Day&Night function
• View Distance 50/40mt
• Protection rating IP66
• WDR (Wide Dynamic Range)
• 3D DNR (Digital Noise Reduction)
• Auto tracking white balance
• Auto back light compensation
• DIS (Digital Image Stabilization)
• Motion Detection
• LSC (Lens Shading Compensation)
• Privacy Mask (Polygonal Mosaic)
• O.S.D menu
• Power 12DVC - 24VAC - 600mA
• Operating temperature -20°C +50°C
• Dimensions: 285 x 96 x1 25
• Weight: 1100 gr.

> **VD560IV7** 45mt Infrared camera varifocal lens 9-22 mm High resolution day night with mechanical IR

• Sony 1/3" Super HAD CCD High Resolution 600TV Lines
• Function True Day&Night
• Lens 9 – 22 mm DC Auto Iris Lens
• Minimum illumination 0 lux IR on (0,5 lux IR off)
• IR LED: 72 units Infrared LED Ø0,5
• View Distance 45/50mt
• IP rating IP66
• Internal/Line lock Function
• S/N ratio more than 50db
• Auto tracking white balance
• Auto back light compensation
• Operating temperature -20C° + 50C°
• Power: DC12V 600mA
• Weight: 2,3Kg bracket included

> **VD560IV8** 70mt Infrared camera varifocal lens 6-60 mm High resolution day night with mechanical IR

• Sony 1/3" Super HAD CCD High Resolution 600TV Lines
• Function True Day&Night
• Lens 6 – 60 mm DC manual Iris Lens
• Minimum illumination 0 lux IR on (0,5 lux IR off)
• IR LED : 8 pieces cold light IR leds
• View Distance 70/80mt
• IP rating IP66
• Internal/Line lock Function
• S/N ratio more than 50db
• Auto tracking white balance
• Auto back light compensation
• Operating temperature -20C° + 50C°
• Power: DC12V 600mA
• Weight: 2,3Kg bracket included

> **VD358PTRACK** **Speed Dome Outdoor Human Tracking System**
Sony 35x Fast Dome Camera *on request*

- Image Device: Sony 1/4" EXview HAD CCD,
- Horizontal Resolution
  - Color: 520 Lines,
  - Mono: 580 Lines
- Zoom Ratio: 35X Optical Zoom
- Alarm Input: 6 [(Alarm In1 - 6 (NC/NO)]
- Alarm Output: 1 (Alarm Out NC / NO)
- Signal to Noise Ratio: More Than 50 dB (AGC: Off)
- Minimum Illumination:
  - Color 0.1 Lux at F1.6
  - Mono 0.01 Lux at F1.6
- IP Rating: IP 66
- Panning Range: 360° Continuous.
- Tilting Range: - 6° ~ +96°
- Panning & Tilting Speed:
  - Manual Approx. 0.15°/s ~ 120°/s 8 Steps
  - Preset Approx. 1°/s ~ 255°/s,
  - Alarm Trigger Speed 360°/s

- Focal Length: 3.43 mm ~ 120 mm
- Preset: 128 Preset Position
- Control Function: Pan and Tilt, Zoom and Focus, Iris and ICR, Home Position, Patrol
- Auto Mode: TRACK
- Privacy Zone: On - Off Selectable (Up to 8 Zones Settings)
- Power Supply type: 100 - 240VAC (10%).
- Power Consumption: 24W (Heater: ON)
- Ambient Operation Temperature: -10°C, +50°C
- Dimensions: 326 mm (H) x 210 mm (D)
- Weight: 3.2Kg
- Brakets not included
- Use PELCO D and owner LILIN

> **VDSP8803** **Speed dome 30x with IR LED integrated**

- Samsung 1/4" camera IR mechanical filter
- Horizontal resolution: Color: 520 TV lines B/W: 580 TV
- Zoom: 30X optical
- 4 Alarm input (NC/NO) and 2 alarm output (NC / NO) board
- S/N ratio > 50 dB (AGC: Off)
- Minimum illumination Color 0.1 Lux at F1.6 B/W 0.02 Lux at F1.6
- IP 66 rating 24 IR illuminator on board for 140mt distance
- Pan range: 360° Continuous. Tilt Range: 0° ~ +94 –
- Pan speed 200°7sec.- 200°. Tilt speed 0-100° /s
- Osd menu in English , 220 Preset position and 64 dwell and 3 tour
- Iris e ICR, Home Position, Patrol function
- Supported protocol Pelco D-P
- Power: 100 - 240VAC included >20W 12Vdc/24Vac
- Working temperature -40°C, +65°C heater included
- Size 326 mm (H) x 210 mm (D)
- Weight: 3.2Kg
- Wall bracket included

> **VDSP7803** **Speed dome 23x with IR LED integrated Medium speed movement**

Same feature of VDSP8303 but with:

- Zoom: 23X Optical
- Pan speed: 0.1°/s - 100°/
- Tilt speed: 0-60° /s

> **VDSP60** **Speed dome 12x with IR LED integrated**

Same feature of VDSP8303 but with

- IP 66 rating 6 IR illuminator on board for 50mt distance
- 64 Preset position and 3 tour
- Size 326 mm (H) x 210 mm (D)with 5" metal body construction

Accessories for Speed dome

> **VDPT20** Pendant for speed dome

• Compatible with model VDSP7803 and VD8803

> **VDPT19** Pole bracket for speed dome

• Compatible with model VDSP7803 and VD8803

> **VDPT18** Corner bracket for speed dome

• Compatible with model VDSP7803 and VD8803

> **VDBTAB** 4 input and 2 output relè module

• Compatible with model VDSP7803 and VD8803

> **VD520L** Brakets wall mount for VD358PTRACK

• Dimension: 160 x 115 x 210 mm
• Weight: 840g

> **VDCPM** Bracket for pole for model VD358PTRACK

• Maximum Load: 20kg
• Strap: Stainless Strap for Pole
• To combine with VD520L

> **VD SP005** Overvoltage protection on coaxial video line and RS 485 data line

• Connection via male-female BNC connector
• Maximum tolerated voltage: 4kV
• Bandwidth 0-1 Ghz

> **VDQA3040** Keyboard speed dome 3 axis

• Multiprotocol Pelco P, Pelco D, LG, GE e Teledata
• Master slave architecture
• 32 character display and 32 digit key
• Power supply 12vdc 500mA
• Size 350x200x62

> **VDSP001** Coaxial video surge protection

• BNC male to BNC female for Hi frequency

Mini Dome

> **VD912 C** Mini dome vandal-proof IR varifocal 3-9mm

- CCD video camera – 1/3" 540 TVL
- Varifocal lens 3-9mm
- 36 LEDS with 30m range
- Minimum illumination 0 lux/F1.2
- PAL composite video output – 1 Vp-p/75ohm (BNC)
- Dimensions 12.8 x 12.8 x 12.2
- Power supply: 12 Vdc

> **VD6VPQ** Vandal-proof mini dome camera, varifocal 4-9mm Day&Night and mechanical IR filter

- Sony Super HAD II CCD 600 TVL
- Day&Night function with mechanical IR filter
- Minimum illumination 0,01
- BLC automatic function
- Lens Varifocal 4-9mm
- Vandal proof case IP66
- PAL composite video output – 1 Vp-p/75ohm (BNC)
- Power supply: 12 Vdc 400mA
- Range temp. -20°C +50°C
- Dimensions: 14,6 x 14,6 x 13,2

> **VD10VPQC** Vandal-proof mini dome camera, Day&Night and vandal-proof varifocal 2.8-12mm

- Sony Super HAD Exview II CCD sensor 700 TVL
- Day&Night electronic function
- Minimum illumination 0.0002Lux(15IRE)
- Varifocal lens 2,8-12 mm
- Vandal-proof case IP66
- WDR e 3DNR function
- Motion and privacy function (8 zone)
- ELC, BLC, AGC and Mirror functions
- PAL composite video output – 1 Vp-p/75ohm (BNC)
- Menù OSD
- Power supply: 12 Vdc 250mA
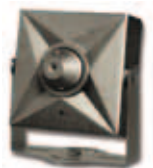- Range temp. -20°C +50°C
- Dimensions: 14.6 x 14.6 x 13.2

> **VD70WTD** Vandal-proof mini dome camera ,varifocal 2.8-12mm Day&Night and mechanical IR filter *on request*

- Sony Super HAD Exview II CCD sensor 700 TVL
- Day&Night function with mechanical IR filter
- Minimum illumination 0.0002Lux(15IRE)
- Varifocal lens 2,8-12 mm
- Vandal-proof case IP67
- WDR e 3DNR function
- Motion and privacy function (8 zone)
- ELC, BLC, AGC and Mirror functions
- PAL composite video output – 1 Vp-p/75ohm (BNC)
- OSD Menu
- Power supply: 12 Vdc 250mA
- Range temp. -20°C +50°C
- Dimensions: 178(Ø) x 113(H)mm

Micro video cameras

> **VD504** Microcamera on PINHOLE colour card with audio

- Sony 1/3 inch CCD colour sensor
- 380 colour TVL lines
- Minimum illumination 1 lux/F2.0
- Composite video output 1Vp-p/75ohm
- 3.6mm lens
- Dimensions: 32x32 mm
- Power supply: 12Vdc

> **VD526A** Micro camera on PINHOLE card with audio and microphone

- Sony 1/3 inch CCD colour sensor
- 380 colour TVL lines
- Composite video output 1Vp-p/75ohm
- Minimum illumination 1 lux/F2.0
- 3.6mm lens

- Auto Shutter
- Built-in microphone
- Dimensions 32x32 mm
- Power supply: 12Vdc
- Case included

Hidden video cameras

> **VD567** Tube colour video camera

- Sony Super Head 1/3" sensor colour video camera
- 350 TV and colour lines
- S/N ratio over 48db
- Minimum illumination 0.5 lux/F2.0
- Composite video output 1Vp-p/75ohm

- 3.6mm lens
- Protection rating IP57
- Power supply: 12Vdc
- Consumption: 80 mA
- Dimensions: 26x87 mm

> **VD828** Video camera hidden in IR colour sensor

- Sony Super Head 1/3" sensor colour video camera
- 350 TV colour lines
- Minimum illumination 0.51 lux/F2.0
- Composite video output 1Vp-p/75ohm
- 3.7 mm pinhole lens

- Passive IR sensor included
- Power supply: 12Vdc
- Consumption: 150 mA
- Dimensions: 26x87 mm

> **VD SDC422** Hidden colour video camera

- Sony 1/3 inch CCD colour sensor
- 420 TV lines
- 3.6 mm Pinhole lens
- Minimum illumination 1 lux
- Power supply: 12Vdc
- Dimensions: 87x81mm
- Weight: 280g

Infrared lighting systems

> **VDILINF20** 20m IR lighting device

- View angle 35° ~ 40°
- Protection rating IP 66
- Consumption: 10Watt
- Power supply: 230Vac
- Operating temperature: - 20C° + 60C°
- Dimensions: 105ø x 250 (L) mm
- Weight: 2,5 Kg

> **VDILINF40** 40m IR lighting device

Same features to VD ILINF 15 but with:
- View angle: 25°
- Consumption: 50Watt
- Weight: 1,25 Kg

Video Matrix

> **MATRIX6432** **Video matrix multi CPU. Up to 64 video input and 32 video output** **on request*

- Up to 512 input and output available
- OSD integrated
- Logical selection of cameras, user management and priorities, protecting input circuits, creating macros, video loss detection, diagnostics integrated web server forconfiguration via PC, the basic configuration
- 1 RS232, 1 RS422, 1 RS485

- Ethernet 10/100 for remote management and master / slave connection and up to 16 remote keyboard
- 230 Vac 50 Hz power supply 18 W
- Operating temperature -10 °C ~ +50 °C
- Dimensions: 440x330x133 mm
- Mounting: Rack 19" 3U
- Power supply: 230 Vca 18W

Video distributors

> **VDCD408** **4 input 8 output video distributor** **on request*

- Power 12Vdc adapter 230vac 12vdc included

> **VDCD816** **8 input 16 output video distributor** **on request*

- Automatic gain control, normalizes video output to 1Vp-p
- Led: Video signal detection at each channel
- 2U 19" rack mount
- Power 12Vdc/24Vac adapter 230vac 12vdc included

Monitor

> **VDMT36** 3.5" TFT LCD Monitor wearable   *on request*
>   for video camera installation

- Avoids phone costs, the use of walkie-talkies, and the presence of a second person for the correct installation of video cameras.
- Small dimensions: 9.5 x 9.5 x 2.5cm
- Resolution 320 RGB x 240 Dots
- Adaptor DC12V and Alkaline Battery included
- Arm band, BNC Cables, Power cable and Battery cable included
- MP NTSC\PAL switch

> **TFTLCD17D** 17" flat monitor LCD for composite video and VGA

- 17" TFT Monitor (Grade A)
- Resolution: 1024x768
- Brightness: 260 (cd/m2)
- Aspect ratio: 4:3
- Contrast ratio: 500:1
- Pixel Pitch: 0,264mm
- Viewing angle: 70(H), 70(V), 60(UP), 45(DOWN)
- Color: 16,7M
- Video input: 1 x composite 1Vp-p 75ohm - 1 x DVI 1 x VGA
- Audio input: 1 x RCA e Audio output stereo
- Button: auto/menu/Up/Down/Power
- Power supply: 12Vdc Consumption < 24W
- Switching power supply: 90-260Vac included
- Table mounting, Vesa compatible
- Weight: 3,5Kg carton included

> **TFTLCD19D** 19" flat monitor LCD for composite video and VGA

- 19" TFT Monitor (Grade A)
- Resolution: 1280x1024
- Brightness: 260 (cd/m2)
- Aspect ratio: 4:3
- Contrast ratio: 500:1
- Pixel Pitch: 0,294mm
- Viewing angle: 70(H), 70(V), 60(UP), 45(DOWN)
- Color: 16,7M
- Video input: 1 x composite 1Vp-p 75ohm - 1 x DVI 1 x VGA
- Audio input: 1 x RCA e Audio output stereo
- Button: auto/menu/Up/Down/Power
- Power supply: 12Vdc Consumption < 24W
- Switching power supply: 90-260Vac included
- Table mounting, Vesa compatible
- Weight: 4kg carton included

> **ST LCD** SSteel ceiling bracket for TFT LCD Monitor

Technical specifications for technical converters and video converters

TYPE OF FIBRE	MULTIMODE	MONOMODE
Fibre diameter	50Q - 62,5Q	8/10Q
Operating Wave length	850/1310nm	1310/1550nm
Type of luminous source	LED	Laser
Emitted optical power	-17dBm -14dBm	-8dBm
Receiving sensitivity	-34,5dBm	-137dBm
Attenuation	19dB - 22dB	30dB
Type of connector	ST	FC,PC/ST

Multimode fibre

MODEL	DESCRIPTION	CHANNELS	NUMBER OF FIBRES	WAVELENGTH
VD 100M TM1	Video transmitter	1 video channel	1	850nm
VD 100M RM1	Video Receiver	1 video channel	1	850nm
VD 155M-TM2	Video transmitter + RS485 data Transceiver	1 video channel - 1 data channel	2	850nm
VD 155M-RM2	Video receiver + RS485 data Transceiver	1 video channel - 1 data channel	2	850nm
VD 155M-RC2	Video receiver + RS485 data Transceiver rack 19"	1 video channel - 1 data channel	2	850nm
VD 055M-DX M2	RS485 data Transceiver	1 data channel	2	850nm
VD 200M TM2	Video transmitter	2 video channel	2	850nm
VD 200M RM2	Video Receiver	2 video channel	2	850nm
VD 200M RC2	Video Receiver rack 19"	2 video channel	2	850nm
VD 300M TM3	Video transmitter	3 video channel	3	850nm
VD 300M RM3	Video Receiver	3 video channel	3	850nm
VD 300M RC3	Video Receiver rack 19"	3 cvideo channel	3	850nm
VD 400M TM4	Video transmitter	4 video channel	4	850nm
VD 400M RM4	Video Receiver	4 video channel	4	850nm
VD 400M RC4	Video Receiver rack 19"	4 video channel	4	850nm

Muonomode fibre

MODEL	DESCRIPTION	CHANNELS	NUMBER OF FIBRES	WAVELENGTH
VD 100S TM1	Video transmitter	1 video channel	1	1310nm
VD 100S RM1	Video Receiver	1 video channel	1	1310nm
VD 055S-DX M2	RS485 data Transceiver	1 data channel	2	1310nm
VD 022S-2B-AX-M1	Audio Transceiver on fibre	1 audio channel	2	1310nm4

19" holder rack

MODEL	DESCRIPTION	DIMENSIONS	HOUSING FOR CARDS	POWER SUPPLY
VD USR14A	Cabinet for converters – rack format 19"	Rack 19"3U	14	90/260 Vac
VD USR14A R	Cabinet for converters – rack format 19" with redundant power adaptor	Rack 19"3U	11	2 x 90/260 Vac

*all product in this page are on request

> VD 24760 Wireless transmitters with composite video signal

- Approval Standard CE0681
- 4 selectable frequencies 2,412 – 2, 432- 2,452 e 2,472 Ghz
- 1 Composite video input 1Vp-p/75ohm
- Power output 10mW
- Transmission range max. 300mt in open field
- Power supply 5-7Vdc
- Omnidirectional antenna
- Operating temperature - --10C° + 55C°
- Dimensions 17,8x17,8x5mm weight 5g
- Receiving unit
- 1 Composite video output 1Vp-p/75ohm
- Power supply 7.5Vdc
- Consumption 180mA adaptor included
- Weight: 5 gr.

> TDP101 Transceiver video for UTP cable passive type CAT 5

- Device with passive transmitter and receiver function (BALUN) for composite video signal on UTP Cat5 cable
- It needs a couple of wires for each signal
- Maximum range up to 600mt B/W 400mt Colour

> TDP102 Transceiver 4 channel video for UTP cable passive type CAT 5

- Device with passive transmitter and receiver function (BALUN) for 4 composite video signal on UTP Cat5 (100Mbs) cable
- Maximum range up to 600mt B/W 400mt Colour

> TDP103 Transmitter video for UTP active type CAT 5

- Dip-switches for power regulation depending on the distance up to 2000mt in B/W and 1000mt colour
- Switch position for colour gain and brightness adjustment
- Extra interference immunity

> TDP104 Receiver video for UTP active type CAT 5

- Active receiver for composite video signals on UTP Cat5 cable
- Dip-switches for power regulation depending on the distance up to 2000mt in B/W and 1000mt colour
- Switch position for brightness adjustment

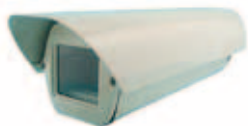### > TDP105 Receiver 4 channel video for UTP active type CAT 5

- Variable range depending on the transmitter, the type of signal (B/W or colour)
- Range between 600 e 1500mt
- Extra interference immunity

> VDTPP016GB 16 channel video transceiver for UTP cable with loop isolator *on request

- 16 channel video transceiver
- Rack 19" 1U mounting
- No need power and prevents video-signal distortion caused by video ground loop

> **CUSTES** Heated outdoor case

- Beige aluminium case
- Certified Protection rating IP 66
- Power supply: 230Vac
- Internal space available 105(W) x 100(H) x 320(L)mm
- Dimensions: 147(W) x 140(H) x 470(L)mm
- Bracket included

> **CUSTES 12** Heated outdoor case

- Beige aluminium case
- Certified Protection rating IP 66
- Power supply: 12Vdc
- Internal space available 105(W) x 100(H) x 320(L)mm
- Dimensions: 147(W) x 140(H) x 470(L)mm
- Bracket included

> **CUSTES 619** Outdoor case with a side opening

- Top standard nylon and fibre glass case
- Side opening for easy installation
- Internal cabling vandal proof
- Certified Protection Rating IP67
- Power supply: 230 Vac
- Dimensions: 15.1 x 14.5 x 39.0 cm
- Bracket included

> **CUSTES 61912** Outdoor case with a side opening

- Top standard nylon and fibre glass case
- Side opening for easy installation
- Internal cabling vandal proof
- Certified Protection Rating IP67
- Power supply: 12 Vac
- Dimensions: 15.1 x 14.5 x 39.0 cm
- Bracket included

> **S-25-15**

- Switching type: 230V/15V-1.7A 50 Hz
- DC Adjustment + -10%
- Protection against: short-circuit, overload, overvoltage
- Dimensions: 98x97x35 mm.
- Weight: Kg. 0.3
- Standard: CEI EN 60950- CEI 79/2

> **S-40-15**

- Switching type: 230V/15V-3A 50 Hz
- DC Adjustment + -10%
- Protection against: short-circuit, overload, overvoltage
- Dimensions: 159x97x38 mm.
- Weight: Kg. 0.55
- Standard: CEI EN 60950- CEI 79/2

> **S-60-15**

- Switching type: 230V/15V-4A 50 Hz
- DC Adjustment + -10%
- Protection against: short-circuit, overload, overvoltage
- Dimensions: 159x97x38 mm.
- Weight: Kg. 0.55
- Standard: CEI EN 60950- CEI 79/2

> **S-150-15**

- Switching type: 230V/15V-10A 50 Hz
- DC Adjustment 13.5V - 16.5V
- Protection against: short-circuit, overload, overvoltage
- Dimensions: 199x50x110
- Weight: Kg. 0.8
- Standard: CEI EN 60950- CEI 79/2

> **S-150-24**

- Switching type: 230V/24V-6.5A 50Hz
- DC Adjustment 21V - 28V
- Protection against: short-circuit, overload, overvoltage
- Dimensions: 199x50x110
- Weight: Kg. 0.8
- Standard: CEI EN 60950- CEI 79/2-TUV

> **ALIM 1210** **230Vac/12Vdc 1A adaptor (for quad, cyclical and videocamera)**

> TD-60-15 Power supply unit

- In compliance with standards: CEI 792/
- Switching type: 230/240V- 15V/14A 50 Hz
- Output adjustment: 10%
- Short circuit / overload / over voltage protection
- Maximal output current: 3A
- Alarm signals on free potential contacts Tamper:
  No Network, No power supply, Low battery
- Optical LED indications:
  Network presence, No Network, Output voltage,
  present battery lute voltage
- On wall cabinet, able to contain up to 15Ah storage batteries
- Dimensions: 250x100x430
- Weight: Kg. 4

> TD-150-15 Power supply unit

- In compliance with standards: CEI 792/
- Switching type: 230/240V- 15V/10A 50 Hz
- Output adjustment: 10%
- Short circuit / overload / over voltage protection
- Maximal output current: 8A
- Alarm signals on free potential contacts Tamper:
  Supply failure, No power supply, Low battery
- Optical LED indications
  Network presence, No Network, Output voltage,
  present battery lute voltage
- On wall cabinet, able to contain up to 24 x 6Ah storage batteries
- Dimensions: 60x280x450
- Weight: Kg. 28

> TD-150-24 Power supply unit

- In compliance with standards: CEI 792/
- Switching type: 230/240V- 24V/6,5A 50 Hz
- Output adjustment: 10%
- Short circuit / overload / over voltage protection
- Maximal output current: 6A
- Alarm signals on free potential contacts Tamper:
  No Network, No power supply, Low battery
- Optical LED indications
  Network presence, No Network, Output voltage,
  present battery lute voltage
- On wall cabinet, able to contain up to 17Ah storage batteries
- Dimensions: 60x280x450
- Weight: Kg. 25

Supports

> **ST/FF140** Bracket with 140 mm video camera joint

> **ST/FF160A** Bracket with 160 mm video camera joint

• In grey coloured aluminium

> **SP/ROT** Revolving metal bracket support   *on request*

• Allows installing the bracket on a variable axis of 90°
• Also for Speed Dome

> **SPPALT** Pole bracket for video camera

> **IMBR/P** Wall support for 14" monitor

> **IMBR/S** Ceiling Support for 14" monitor

Integrated surveillance software

> ## OBSERVER Software for Windows XP Operating Systems or later versions

free download on www.teledata-i.com site - Area Download

- Client software for the remote management
  of Teledata digital recording devices and videoservers or IP
  Video Cameras on local and geographic networks
  via TCP/IP protocol. The software enables the remote control
  of the device telemetry and their complete remote programming
- The software allows the reception of events and
  a hierarchical management of the devices using an evolved
  user password level system and individual functions.
- It is also possible to use Observer to quickly review
  the recorded images.
- It is possible to download the recordings and save them
  to CD-DVD RW supports

> ## BURN BACK UP Back up system for Teledata DVR

- Back up system for Teledata DVR devices connected
  to a maximum number of 36 DVRs on a geographical network
  via TCP/IP protocol
- FIFO or manual deletion method of recorded images.
- Widescale hierarchical management using access level passwords
- Export option for recordings to cryptographed DVD.

> ## WINWATCH ENTERPRISE Integrated Monitoring System

- In WINDOWS XP environment with interactive
  and user-friendly graphic interface
- Remote-control, remote management and remote-programming
  functions for all devices M
- Integrated graphic maps for direct interventions
- Hierarchic access password system
- Server-client structure
- Multi monitor management
- Modular and scalable software
- One single integrated database for event searching and analyses
- Customisable to suit all customer requirements
- Point-to-Point, multidrop, switched, ISDN or LAN network connection
- Integrated database
- Able to manage different systems:
  - Fire detection units
  - Burglar alarm units
  - Access control readers and modules
  - Digital recorders
  - Video servers and IP video cameras
  - Technological devices

Available Version

> ### WINTERMINAL Up to 2 peripherals

> ### WINSUPER Up to 6 peripherals

> ### WINMAX Up to 12 peripherals

NOTE

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