



VINGTOR CCTV SYSTEMS



VINGTOR

VINGTOR is world renowned for its extensive knowledge in the design, construction, installation and maintenance of integrated marine communication systems. The company, with long-term experience serving the maritime industry, has an impressive portfolio and provides cutting edge solutions to vessels worldwide under the internationally renowned brand name of VINGTOR®. The VINGTOR brand underpin Zenitel Marine's reputation as a supplier of the most flexible, reliable and advanced communication systems available today.

MEETING YOUR REGULATORY REQUIREMENTS

All Zenitel Marine products are tested according to IEC 60945, IEC 60533 standards, and comply with SOLAS regulations and codes relevant for on-board communication systems. Zenitel Marine delivers systems in accordance with the rules of all major classification societies.

FOR ALL YOUR SALES & AFTER SERVICE REQUIREMENTS

Zenitel Marine is a specialist provider of spare parts, repairs, maintenance contracts and refit solutions. Responsibility and availability are our guidelines and customer support and service a first priority.

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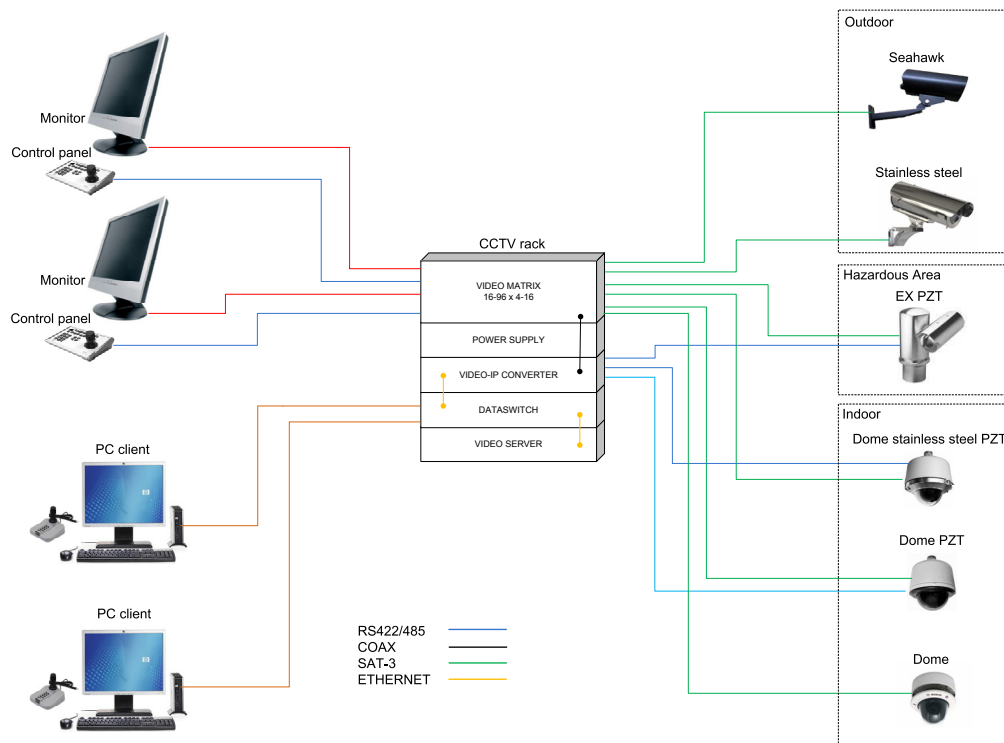
ANALOG & IP SYSTEMS

The VINGTOR CCTV system enables cost-effective, high quality area monitoring and video surveillance that enhance the safety and security of the crew. The system is available in different versions and offers a set of standard and optional features which covers the requirements for a marine system.

It can be delivered as a standalone system or as functional modules fully integrated into the VINGTOR ACM Advanced system. The system is scalable with options for combining IP CCTV and analog CCTV

FEATURES

- Delivered as a standalone system or as integrated modules in the VINGTOR ACM Advanced system
- Flexible system with possibility of combining IP and analog cameras.
- All IP cameras supporting H.264 video compression for high image quality on lower bandwidth.
- All cameras from globally known brands
- Standard fixed IP cameras supporting PoE
- IP network infrastructure and Cost-effective solution
- Can easily be integrated with VINGTOR INFOTAINMENT solutions
- Varied range of cameras available for both indoor and outdoor marine applications, including fixed, P/T and Ex cameras



ANALOG CCTV SYSTEM UNITS

By fully integrating with CCTV systems, VINGTOR provides complete video and audio surveillance on every part of the ship as required. CCTV cameras at a specific points can be automatically triggered to provide both audio and video communication between caller and operator.

1154100000

CM6700 VIDEO MATRIX SWITCHER, 16 CAMERA INPUTS, 4 MONITOR OUTPUTS, 2HU

- 20-Character Camera Title
- Time (24-hour or AM/PM formats); Date (4 formats)
- Alarm Display Call-up from 18 Direct-Connect Alarm Inputs
- Video Inputs Individually Selectable for Terminating or Looping
- Coaxitron® Compatible
- Individual Monitor Sequential Switching with Preset Call
- Compatible with Pelco's RS-422 D or P Protocol
- Camera Control Selection: Coaxitron® or RS-422; Individually Selectable per Camera
- Full Duplex RS-485 Keyboard Communications
- Selectable Data Port – RS-232/RS-422/RS-485
- Password Protected Menu Programming
- User Partitioning to Prevent Unauthorized Viewing
- 230 VAC, 50 - 60Hz, 10W power consumption



Size (WxHxD): 431.8 x 88.9 x 266.7 mm Weight:4.5 kg

Additional Information: For Pelco control panels Assembly included

1154100001

CM6800 VIDEO MATRIX SWITCHER, 32 CAMERA INPUTS, 6 MONITOR OUTPUTS, 3HU

- Inputs Allow for Viewing and Control of Cameras, Domes, PTZs, Multiplexers, and Other Devices
- Includes Multiple Language Menus and On-screen Text
- Logical Camera Selection
- Video Inputs Individually Selectable for Terminating or Looping with Switches on Rear Panel
- Supports Coaxitron® and RS-422 Camera Control
- Password Protected Menu Programming
- Windows®-Based Manager Software
- System Partitioning Prevents Unauthorized Viewing and Control
- 230 VAC, 50 - 60Hz, 25W power consumption



Size 3HU WxHxD): 442x134.4x311mm Weight:5.76 kg

Additional Information: For Pelco control panels Assembly included

1154100002

CM6800 VIDEO MATRIX SWITCHER, 48 CAMERA INPUTS, 8 MONITOR OUTPUTS, 3HU

- Inputs Allow for Viewing and Control of Cameras, Domes, PTZs, Multiplexers, and Other Devices
- Includes Multiple Language Menus and On-screen Text
- Logical Camera Selection
- Video Inputs Individually Selectable for Terminating or Looping with Switches on Rear Panel
- Supports Coaxitron® and RS-422 Camera Control
- Password Protected Menu Programming
- Windows®-Based Manager Software
- System Partitioning Prevents Unauthorized Viewing and Control
- 230 VAC, 50 - 60Hz, 25W power consumption



Size 3HU WxHxD): 442x134.4x311mm Weight:5.76 kg

Additional Information: For Pelco control panels Assembly included

1154100003

CM6800 VIDEO MATRIX SWITCHER, 96 CAMERA INPUTS, 16 MONITOR OUTPUTS, 6HU

- 2 x 48/8 Matrixes 6HU
- Otherwise Same features as 1154100001 / 1154100002



Size 2x3HU (WxHxD): 442 x 134.4 x 311 mm
Weight:11.52 kg

Additional Information: For Pelco control panels Assembly included

2310102001

KBD100 PELCO CONTROL PANEL

- Keyboard to control CM6700 & CM6800 Matrix switchers
- Select cameras and Monitors
- Operate sequences
- Operate Auxiliaries
- Acknowledge alarms



Size (WxHxD): 483 x 83 x 216 mm

Additional Information: Assembly included, for power to cameras
115V Version O.no.3006204188

2310102029

VMC-15LCD-HMC1 15"LCD MONITOR

- Prof. LCD/TFT Monitor
- PAL/NTSC Auto Selection
- Multi Language On-screen Menu Control
- Resolution of 1024x768 Pixel (XGA)
- CVBS, S-Video, VGA and Audio Inputs
- Quick Signal Switching
- Integrated Loudspeakers
- Supply Voltage: 12VDC/100 - 240VAC
- Robust Metal Cabinet
- Wall and Table Stand Mounting
- ISO 13406-2 Certified (Ergonomic Standard)
- Options: Table Stand/Mounting Bracket, 19" Rack



Size (WxHxD): 349 x 286 x 43 mm Weight: 2.7 kg

Additional Information: Different mounting kit available

2310102010

KBD200A PELCO CONTROL PANEL, PTZF

- Keyboard to control CM6700 & CM6800 Matrix switchers
- Multi-speed control of PTZ functions
- Up to 16 receivers directly from keyboard (Spectra & Espirit)
- Preset position and Pattern control
- Auxiliary operation
- Auto/Random/Frame scanning
- Programming of CM6700 & CM6800
- KRBD-Kit included (230VAC to 12VAC transformer)



Size (WxHxD): 483 x 83 x 216 mm

Additional Information: Assembly included, for power to cameras
115V Version O.no.3006204209

2310102030

VMC - 17LCD - HMTG1 17"LCD MONITOR FLUSH MOUNT

- Prof. LCD/TFT Monitor
- PAL/NTSC Auto Selection
- Multi Language On-screen Menu Control
- Resolution of 1024x768 Pixel (XGA)
- CVBS, S-Video, VGA and Audio Inputs
- Quick Signal Switching
- Integrated Loudspeakers
- Supply Voltage: 12VDC/100 - 240VAC
- Robust Metal Cabinet
- Wall and Table Stand Mounting
- ISO 13406-2 Certified (Ergonomic Standard)
- Options: Table Stand/Mounting Bracket, 19" Rack



Size (WxHxD): 398 x 334 x 50 mm Weight: 4.0 kg

Additional Information: Different mounting kit available

2310102011

KBD300A PELCO CONTROL PANEL, PTZF W/JOYSTICK

- Keyboard to control CM6700 & CM6800 Matrix switchers
- Up to 16 receivers directly from keyboard (Spectra & Espirit)
- Automatically recognize modes of operation
- Joystick control of PZT functions
- Preset positioning and Pattern control
- Auxiliary operation
- Auto/Random/Frame scanning
- Programming of CM6700 & CM6800
- KRBD-Kit included (230VAC to 12VAC transformer)



Size (WxHxD): 241.3 x 57.2 x 181mm Weight: 1.12 kg

Additional Information: Inclusive assembly and engineering

115V Version O.no.3006204203

2310102031

VMC - 19LCD-HMTG1 19" LCD MONITOR FLATSCREEN

- Prof. LCD/TFT Monitor
- PAL/NTSC Auto Selection
- Multi Language On-screen Menu Control
- Resolution of 1024x768 Pixel (XGA)
- CVBS, S-Video, VGA and Audio Inputs
- Quick Signal Switching
- Integrated Loudspeakers
- Supply Voltage: 12VDC/100 - 240VAC
- Robust Metal Cabinet
- Wall and Table Stand Mounting
- ISO 13406-2 Certified (Ergonomic Standard)
- Options: Table Stand/Mounting Bracket, 19" Rack



Size (WxHxD): 419 x 362 x 54 mm Weight: 5.2 kg

Additional Information: Different mounting kit available

2310102042

UML-151-90 - 15" LCD FLAT PANEL MONITOR

- Aspect Ratio: 4:3
- 1024 x 768 resolution
- 100/240 VAC, 50/60 Hz auto-ranging internal power supply
- Input: Composit 1, Composit 2, S-Video and VGA
- Composite input: 1.0 Vp-p (0.5–1.5 Vp-p), automatic switching from 75 Ω unbalanced termination to Hi-Z with passive loop-through operation
- Supports PAL/NTSC
- Optional rack and wall mounts



Size (WxHxD): 352 x 292 x 58 mm Weight: 2,5kg
Monitor only

Additional Information:

2310102043

UML-171-90 - 17" LCD FLAT PANEL MONITOR

- Aspect Ratio: 5:4
- Supports high-resolution, up to 1280 x 1024 resolution–1.3 Megapixels
- 100/240 VAC, 50/60 Hz auto-ranging internal power supply
- Input: Composit 1, Composit 2, S-Video and VGA
- Composite input: 1.0 Vp-p (0.5–1.5 Vp-p), automatic switching from 75 Ω unbalanced termination to Hi-Z with passive loop-through operation
- Supports PAL/NTSC
- Optional rack and wall mounts



Size (WxHxD): 382 x 330 x 59 mm Weight: 4,1kg
Monitor only

Additional Information:

2310102061

UML-119-90 - 19" LCD FLAT PANEL MONITOR

- Aspect Ratio: 5:4
- Supports high-resolution, up to 1280 x 1024 resolution–1.3 Megapixels
- 100/240 VAC, 50/60 Hz auto-ranging internal power supply
- Input: Composit 1, Composit 2, S-Video and VGA
- Composite input: 1.0 Vp-p (0.5–1.5 Vp-p), automatic switching from 75 Ω unbalanced termination to Hi-Z with passive loop-through operation
- Supports PAL/NTSC
- Optional rack and wall mounts.



Size (WxHxD): 420 x 374 x 60 mm Weight: 5,9kg
Monitor only

Additional Information:

2310120032

R19L300-MRA1 19" BRIDGE DISPLAY - EN60945 APPROVED

- Hyper Dimming
- Wide Voltage Range Input
- IP65 OSD Fornt Panel Design
- Anti-Shock and Vibration
- Anti-Corrosion & IP Proof
- Touchscreen/ Protection Glass
- Sunlight Readable
- Inputs:
 - RGB
 - Composite Video
 - S-video
 - DVI-D
 - BNC to Phono included
- 90 - 275VAC



Size (WxHxD): 483 x 444 x 170 mm Weight: kg

Additional Information: Mounting kit 2310120031

2310120030

JH23T14-MMD 23,1" LCD DISPLAY - EN60945 APPROVED

- 23,1 inch viewable image size
- VESA mounting
- Redundant 230/115VAC main and 24VDC Emergency
- Support: VGA, composite video (BNC femlae), DVI-I
- Approved according to: DNV, LRS, ABS, GL and BV



Size (WxHxD): 584 x 534 x 85 mm Weight: 18 kg

2310102032

LCD-15P-RMK 19" RACKMOUNT KIT

2310102033

LCD-17P-RMK 19" RACKMOUNT KIT

2310102034

LCD-19P-RMK 19" RACKMOUNT KIT

2310102035

LCD-ST/HM TABLE BRACKET FOR LCD, MONITOR HMC1 SERIES

2310102036

EP-160 WALL MOUNTING BRACKET

2310102037

EP-180 ROOFMOUNTING BRACKET

2310102051

POWER CABLE - USA

1154100014

NET300T VIDEO/IP CONVERTER

- Send and Receive Live Video and Control Data Over Ethernet Networks
- Dual MPEG-4 Video Streams
- Full Integration with Pelco's Matrices & Spectra Domes
- Adjustable Bandwidth, Image Rate, and Quality
- View Video on PC, Analog Monitor, or Both
- NTSC and PAL
- Alarm Input and Relay Output
- Bidirectional Data Channel Via RS-232/422/485 Serial Port
- 12-24 VDC, , 10W power consumption
- To watch monitor output, control PTZ camera on LAN
- Possible to switch camera on monitor output



Size (WxHxD): 86 x 31 x 114 mm **Weight:** 0.9 kg

Additional Information: Used when controlling camera on PC. Power supply and assembly included

1154100005

VCQ-6057 QUAD UNIT FOR 4 CAMERAS

- Colour Quad Splitter, 1024x625,
- Alarm In/Outputs,
- 230 AC / 12 VDC Adapter
- 1/2 19"



Size (WxHxD): 215 x 441 x 200 mm **Weight:** 2.5 kg

Additional Information: Need rack mount kit, see below. Can also be used as standalone camera switcher system

2310102019

19" RACK MOUNTING KIT FOR 2X VC Q-6057

2310102066

19" RACK MOUNTING KIT FOR 1X VC Q-6057

1154100018

DVR-440-04A050, 4-KANALS DVR, H.264, 500GB, 2HU

- 4-Channel real-time H.264 recording
- View and record video in CIF, 2CIF, or 4CIF resolution
- Built-in web viewer for remote viewing, playback, control, and configuration
- Supports VGA and analog monitor output (up to 1280x1024)
- Dual streaming for local recording and remote viewing
- Smart Search
- 110 - 240VAC



Size (WxHxD): 357 x 78 x 362 mm **Weight:** 4.7kg

Additional Information: Assembly included

1154100015

DVR-630-08A050 BOSH VIDEO RECORDER 8 CHANNELS 500GB

- 8-Channel real-time H.264 recording
- View and record video in CIF, 2CIF, or 4CIF resolution
- Built-in web viewer for remote viewing, playback, control, and configuration
- Supports 2 VGA monitor output (up to 1280x1024)
- Dual streaming for local recording and remote viewing
- Smart Search
- 110 - 240VAC
- include brackets for 19" mounting



Size (19" 1HU)

Additional Information: Assembly Included
O.no. 2310102069

DVR-XS050-A 600 Series Storage Expansion-500GBv

1154100021

DVR-630-08A100 BOSH VIDEO RECORDER 8 CHANNELS 1TB

- 8-Channel real-time H.264 recording
- View and record video in CIF, 2CIF, or 4CIF resolution
- Built-in web viewer for remote viewing, playback, control, and configuration
- Supports 2 VGA monitor output (up to 1280x1024)
- Dual streaming for local recording and remote viewing
- Smart Search
- 110 - 240VAC
- include brackets for 19" mounting



Size (19" 1HU)

Additional Information: Assembly Included
O.no. 2310102069

DVR-XS050-A 600 Series Storage Expansion-500GBv

1154100016

DVR-630-16A100 BOSH VIDEO RECORDER 16 CHANNELS 1TB

- 16-Channel real-time H.264 recording
- View and record video in CIF, 2CIF, or 4CIF resolution
- Built-in web viewer for remote viewing, playback, control, and configuration
- Supports 2 VGA monitor output (up to 1280x1024)
- Dual streaming for local recording and remote viewing
- Smart Search
- 110 - 240VAC
- include brackets for 19" mounting



Size (19" 1HU)

Additional Information: Assembly Included
O.no. 2310102069

DVR-XS050-A 600 Series Storage Expansion-500GBv

1154100022

DVR-630-16A200 BOSH VIDEO RECORDER 16 CHANNELS 2TB

- 16-Channel real-time H.264 recording
- View and record video in CIF, 2CIF, or 4CIF resolution
- Built-in web viewer for remote viewing, playback, control, and configuration
- Supports 2 VGA monitor output (up to 1280x1024)
- Dual streaming for local recording and remote viewing
- Smart Search
- 110 - 240VAC
- include brackets for 19" mounting



Size (19" 1HU)

Additional Information: Assembly Included
O.no. 2310102069
DVR-XS050-A 600 Series Storage Expansion-500GBv

2310102054

KBD DIGITAL CONTROL PANEL

- Control matrix, DVR, and IP video products with one keyboard
- Backlit keys and easy-to-read displays
- Simplified system programming with an intuitive interface
- Multilingual support
- Plug-and-play with Bosch Switchers, DVRs



Size (WxHxD): 327 x 75 x 190 mm Weight: 1.1 kg

Additional Information: Inclusive assembly and engineering

2310102071

BOSCH UML19P-90 - VGA 4:3 MONITOR

- Supports up to 1280 x 1024 resolution—1.3 Megapixels – 4:3 format
- 100/240 VAC, 50/60 Hz auto-ranging internal powersupply
- VGA and DVI inputs for DVR
- Optional rack and wall mounts.



Size (WxHxD): 430 x 374 x 60mm Weight: 5,1kg Monitor only

Additional Information:

CAMERAS INDOOR FIXED/ ZOOM

2310111006

VDC-455V03 DIGITAL FLEXI DOME CAMERA IP66

- Vandal resistant color model
- 1/3-inch, PAL color, 540 TVL
- 12 VDC/24 VAC, 50 / 60 Hz
- w/2.6-6 mm F1.4
Varifocal lens
- White



Size / Weight: Refer to datasheet

Additional Information: IP-66

2310111004

SWM-GY MINI BRACKET FOR WALL MOUNTING

- For Use with Spectra® or DF5 Series Pendant
Domes
- Constructed in Cast Aluminum
- Cable Feed through Features
- Supports up to 10 pounds (4.5 kg)
- Easy to Install
- Mounts Directly to a Vertical Load-Bearing
Surface for Wall Mount Applications
- For Indoor Applications



2310101009

SD423-PG-1-SPECTRADOME COMPLETE

- Day/night PZT camera
- 80x wide dynamic range
- Motion detection
- Low light technology
- 23x optical zoom
- 12x digital zoom



Size / Weight: Refer to datasheet

Additional Information: IP-66 Mounting bracket 2310111004
needed

Size / Weight: Refer to datasheet

Additional Information: IP-66

CAMERAS OUTDOOR FIXED/ ZOOM

2310101001

SH60C SEAHAWK FIXED CAMERA COLOUR

2310101002

SH60C SEAHAWK FIXED CAMERA COLOUR

2310101003

SH95C SEAHAWK FIXED CAMERA COLOUR

- SH30/60/95 Maritime camera, b/w or colour
- Super LoLux (0,05lx F1.2)
- Horizontal resolution 600TVL
- Backlight compensation
- Camera/body/bracket is totally isolated from
each other
- Power 12VDC /24VAC and camera signal
separate, but in the same cable
- SAT-220
- No need for 220 VAC by the camera position



Size (Length w/ bracket 360 mm Weight: 2.7 kg

Additional Information: 60° angle-IP67



2310101014

VHM FIXED CAMERA, SEAWATER RESISTANT

2310101007

VHM ZOOM CAMERA SEAWATER, RESISTANT

- 37x zoom day / night

Size (WxHxD): 241.3 x 57.2 x 181mm Weight: 1.12 kg

Additional Information: IP-66

- Camera Weatherproof
- Fold-down Housing Body
- 4 Levels of Camera Height Adjustment
- Insulated Camera Mounting
- Integrated Connection Board
- 3 Cable Entries
- Screen Heater 12-30V Included
- Viewing Screen with "Clear-Shield" Technology
- Incorporated Carrier Handle
- Housing Surface: RAL7032
- Include mounting brackets



2310101028

129-FIXED SST CAMERA W/ HOUSING & WALLBRACKET

2310101025

129-ZOOM SST CAMERA W/ HOUSING & WALLBRACKET

- 37x optical zoom day / night

Size Weight: kg

Additional Information: 2310101029 Wiper and Washer
24VAC Protection IP-67

- Camera Weatherproof
- Insulated Camera Mounting
- 2 Cable Entries
- Screen Heater 12-30V Included
- Viewing Screen with "Clear-Shield" Technology
- Housing Stainless steel
- Day/Night, 600 TVL,

2310101030

129-PTZ STT CAMERA W/HOUSING

- Pan, Tilt, Zoom stainless steel camera
- Washer and Wiper included (5l tank with 10m tube)
- No external cables
- Designed for Minimal Maintenance
- 37 x optical zoom and autofocus
- 12VDC/24VAC
- 0,2LUX, 600TVL

2310101008

SD427-PSGE-X SPECTRA IV SS

- Day/Night, 540 TVL, 128 x Wide Dynamic Range (WDR), and Motion Detection
- 24V AC power required
- Can be operated over coax when used together with Pelco matrix
- 27x optical zoom
- 12x digital zoom

2310111002

IDM4012SS BRACKET FOR SPECTRA DOME

- 304 stainless steel
- Support up to 34 Kg
- Include cable feed through hole



Size Weight: kg

Additional Information: Protection IP-67



Size / Weight: Refer to datasheet

Additional Information: IP-66 Mounting bracket 2310111002 needed



Size / Weight: Refer to datasheet

Additional Information: For 2310101008 camera

CAMERAS ATEX

2310101018

EX65 D/N CAMERA ALUMINUM 5-50MM 12VDC / 24VAC ATEX

- High-resolution, high-sensitivity Dinion 2X imager with WDR
- Integrated junction box
- ATEX, UL, IECEx, and INMETRO Certifications
- Sunshield included
- Easy one-piece installation
- Optional integrated Fiber Optics
- Mounting bracket included



Size: (WxHxD): 381 x 114 x 114 mm Weight: 6,4 kg

Additional Information: Weight without sunhood or mounting bracket IP-67

2310101019

EX65 D/N CAMERA STAINLESS STEEL 5-50MM 12VDC / 24VAC ATEX

- Electropolished 316L stainless steel
- High-resolution, high-sensitivity Dinion 2X imager with WDR
- Integrated junction box
- ATEX, UL, IECEx, and INMETRO Certifications
- Sunshield included
- Easy one-piece installation
- Optional integrated Fiber Optics
- Mounting bracket included



Size: (WxH): 531 x 159 mm Weight: 12,9 kg

Additional Information: Weight without sunhood or mounting bracket IP-67

2310131005

IPSXM3136-2X - EXSITE PTZ WITHOUT WIPER, ZONE 1

- 36 x optical Day/Night and 12 x digital zoom 128 x WDR
- Motion Detection
- 360° Continuous Pan Rotatio
- Designed for Minimal Maintenance
- 24 VAC or 100 to 240 VAC, 50/60 Hz - Maximum 60 W
- NTSC/PAL



Size: (WxHxD): 333 x 420 x 292 mm Weight: 25 kg

Additional Information: IP-66

2310131006

IPSXM3136-2X - EXSITE PTZ WITH WIPER, ZONE 1

- Wiper
- 36 x optical Day/Night and 12 x digital zoom 128 x WDR
- Motion Detection
- 360° Continuous Pan Rotatio
- Designed for Minimal Maintenance
- 24 VAC or 100 to 240 VAC, 50/60 Hz - Maximum 60 W
- NTSC/PAL



Size: (WxHxD): 333 x 420 x 292 mm Weight: 25 kg

Additional Information: IP-66

2310131003

EX-BOX FOR ATEX

- Must be used for ATEX installations



Size (WxHxD):

Additional Information:

2310131004

WXM100 WALL BRACED STAINLESS STEEL

- Electro-polished 304 stainless steel
- Wall mount designed to mount the ExSite Series system directly to a load-bearing vertical surface

Length: 380 mm Weight: 5.62 kg

Additional Information: Maximum load 33 kg

POWER SUPPLY & ACCESSORIES

2310102039

R2416600ULCB 19" POWER SUPPLY 2HU, 16 PTC PROTECTED OUTPUTS, MAX 25 AMP

- Input 220VAC, 50/60Hz, 3 amp.
- 24VAC @ 25 amp (600VA) or
- 28VAC @ 20 amp (600VA) supply current.
- Output ratings:
- PTCs are rated @ 2.5 amp.
- Illuminated master power switch
- with built-in circuit breaker.
- Individual power LEDs.
- Removable terminal blocks w/locking screw flanges.
- 3-wire grounded line cord.
- Unit maintains camera synchronization



Size (WxHxD): 483 x 83 x 216 mm

Additional Information: Assembly included, for power to cameras

2310102040

VERTILINE 166D 19" POWER SUPPLY 1HU, 16 PTC PROTECTED OUTPUTS, MAX 14 AMP

- Selectable 115VAC 60 Hz/230VAC 50/60 Hz input.
- 115VAC 60 Hz., 4 amp
- 230VAC 50/60 Hz., 2.5 amp
- Sixteen (16) individually selectable 24VAC or 28VAC power outputs with OFF position.
- 24VAC or 28VAC @ 14 amp total output current.
- Sixteen (16) PTC protected outputs rated @ 2.5 amp (VertiLine166D).
- Main fuse rated @ 15 amp.
- Sixteen (16) individual power LEDs.
- Removable terminal blocks with locking screw flange.
- IEC 320 - 3-wire grounded line cord (detachable).



Size (WxHxD): 486 x 41 x 216 mm Weight: 7.0 kg

Additional Information: Assembly included, for power to cameras

1154100010

POWER MODULE 230VAC MAIN, 2 FUSES, 5 OUTLET

- Automatic switchover function
- 5x 230 VAC outlets
- 2x Automatic fuses

Size (WxHxD): mm Weight: kg

Additional Information: Rack assembly, for power to rack units

1154100019

MAINS TRANSFORMER 6A 230VAC 50-60HZ/24VAC- 150VA W/ ASSBL

- Inclusive 8 terminals and fuse



Size (WxHxD): mm Weight: kg

Additional Information:
1154100020 110V AC 4A version

2030010260

MAINS TRANSFORMER 6A 230-250V AC 50-60HZ / 24V AC, 150VA



Size (WxHxD): mm Weight: kg

Additional Information: For power to cameras in smaller systems. 3006204190 8A version

2310102007

SAT-3 CABLE(RG-59 WITH 2X0,5MM)

2310102038

RG-59 COAX CABLE

2310102008

BNC PLUGS FOR RG-59

2310102024

RG-59 PATCH CABLE 3M

IP CCTV SYSTEM UNITS

By fully integrating with CCTV systems, VINGTOR provides complete video and audio surveillance on every part of the ship as required. CCTV cameras at a specific points can be automatically triggered to provide both audio and video communication between caller and operator.

2220050005

2960-24LC-S CISCO 24-PORT LOW POWER POE SWITCH 100MBIT

- 24 port data switch with PoE capability
- 10/100Mbit full duplex data transmission
- Support 123W of PoE power allowing
 - Maximum 8 PoE devices @ 15,4W (exclusive)
 - Maximum 24 PoE devices @ 5W



Size: 450 x 45 x 331 mm / 19" 1HU mounted in rack
Weight: 4.5 kg

1154100102

AXIS M7001, VGA, ONE-PORT ENCODER, POE

- Compact and cost-effective
- Full frame rate in all resolutions
- Simultaneous H.264 and Motion JPEG
- PTZ support
- Power over Ethernet



Size (WxHxD): 37 x 30 x 10 mm
Weight: 0.08 kg

Additional Information: Assembly included
Stand alone a.no. 2310100008

1154100023

AXIS M7010, 16 PORTS VIDEO ENCODER WITH ASSEMBLY

- High quality video
- Simultaneous H.264 and Motion JPEG
- Edge storage
- High resolution quad-view
- PTZ support
- Power over Ethernet
- Space for microSDHC memory card for local storage
- 19" Mounting bracket included
- 100 - 240VAC



Size (WxHxD): 482 x 45 x 144 mm Weight: 2,54 kg

Additional Information: Assembly included

1154100110

CSN WORKSTATION 12 WITH ASSEMBLY

- Work as server and client on same unit
- Can handle up to 12 Cameras simultaneously
- Window 7 as operating system
- HD for operating system (not for storage)
- Rack mount kit included
- Space for 2 extra hard drives for storage
- Mouse and keyboard is included
- Milestone software is not included
- Monitor not included
- 100 - 240VAC



Size (WxHxD): 557 x 89 x 483 mm Weight: 13 kg

Additional Information: Assembly included
Stand alone A.no.2310120038

1154100111

CSN WORKSTATION 20 WITH ASSEMBLY

- Work as server and client on same unit
- Can handle up to 20 Cameras simultaneously
- Window 7 as operating system
- HD for operating system (not for storage)
- Rack mount kit included
- Space for 4 extra hard drives for storage
- Mouse and keyboard is included
- Milestone software is not included
- Monitor not included
- 100 - 240VAC



Size (WxHxD): 483 x 134 x 660 mm Weight: 16 kg

Additional Information: Assembly included
Stand alone A.no.2310120037

1154100112

CSN RS45 WITH ASSEMBLY

- Work as server
- Can handle up to 50 Cameras simultaneously
- Window 7 as operating system
- 1+n HD's for redundant operating system (not for storage)
- Rack mount kit included
- Space for 8 extra hard drives for storage
- Mouse and keyboard is included
- Milestone software is not included
- monitor not included



Size (WxHxD): mm Weight: kg

Additional Information: Assembly included

2310120035

HDD1000, 1TB SATA HARDDISK FOR CNS WORKSTATION/SERVER

Additional Information: Capacity; recording 1 week 6 cameras. Max 6 cameras pr. harddisk

2310120036

HDD500, 500GB SATA HARDDISK FOR CNS WORKSTATION/SERVER

Additional Information:
Capacity; recording ?????



LICENSES

2310121003

Milestone Xprotect, Professional Base License

2310121004

Milestone Xprotect, Professional Camera License

2310121008

Milestone xprotect express baselicense

2310121009

Milestone Xprotect Express Camera License

2310121010

Milestone Sup 2 Year - Express Base License

2310121011

Milestone Sup 2 Year - Express Camera License

2310121012

Milestone Sup 2 Year - Prof Base License

2310121013

Milestone Sup 2 Year - Prof Camera License

2310121014

Installation of Milestone on Server

2310121015

Registration Of Cameras on Milestone Server

2310121016

Setup of Client PC - Milestone

2310120034

CNS CLIENT FOR 2 MONITORS, IEC60945 APPROVED

- Work station / Client only
- Intel i5, 3,1GHz processor
- Window 7
- 2 monitor outputs (DVI + VGA)
- Monitor not included



Size (WxHxD): 350,66 x 380 x 133 mm Weight: 11.5 kg

Additional Information: DNV Approved

2310120033

CNS CLIENT FOR 4 MONITORS, IEC60945 APPROVED

- Work station / Client only
- Intel i7, 3,4GHz processor
- Window 7
- 4 monitor outputs (DVI + VGA)
- Monitor not included



Size (WxHxD): 350,66 x 380 x 133 mm Weight: 11.5 kg

Additional Information: DNV Approved

2310120029

CNS CLIENT FOR 2 MONITORS

- intel i5 prosessor, 3,1GHz
- Window 7 as operating system
- 2 monitor outputs (DVI+VGA)
- Only client computer
- monitor not included



Size (WxHxD): mm Weight: kg

Additional Information:

2310120028

CNS CLIENT FOR 4 MONITORS

- intel i7 prosessor, 3,4GHz
- Window 7 as operating system
- 4 monitor outputs (DVI+VGA)
- Only client computer
- monitor not included



Size (WxHxD): mm Weight: kg

Additional Information:

2310102075

TRACKERBALL FOR FLUSH MOUNTING - IEC60945 APPROVED



Size (WxH): 124 x 196 mm

Additional Information: IP-22

2310102076

JOYSTICK FOR FLUSH MOUNTING - EN60945



Size (WxH): 124 x 196 mm

Additional Information: IP-22

2310110001

AXIS T8311 JOYSTICK



Size (WxHxD): 182 x 109 x 181 mm Weight: 0.7 kg

2310120032

R19L300-MRA1 19" BRIDGE DISPLAY - EN60945 APPROVED

- Hyper Dimming
- Wide Voltage Range Input
- IP65 OSD Front Panel Design
- Anti-Shock and Vibration
- Anti-Corrosion & IP Proof
- Touchscreen/ Protection Glass
- Sunlight Readable
- Inputs:
 - RGB
 - Composite Video
 - S-video
 - DVI-D
 - BNC to Phono included
- 90 - 275VAC



Size (WxHxD): 483 x 444 x 170 mm Weight: kg

Additional Information: Mounting kit 2310120031

2310120030

JH23T14-MMD 23,1" LCD DISPLAY - EN60945 APPROVED

- 23,1 inch viewable image size
- VESA mounting
- Redundant 230/115VAC main and 24VDC Emergency
- Support: VGA, composite video (BNC female), DVI-I
- Approved according to: DNV, LRS, ABS, GL and BV



Size (WxHxD): 584 x 534 x 85 mm Weight: 18 kg

2310120021

G2222HDL 21,5INCH LCD MONITOR

- Professional monitor for CCTV applications
- VGA + DVI
- 110-240VAC



Size (WxHxD): mm Weight: kg

Additional Information:

2310120025

NEC E231W PC SCREEN 23", NEC WIDE

- Professional monitor for CCTV applications
- VGA + DVI
- 110-240VAC



Size (WxHxD): mm Weight: kg

Additional Information:

2310120011

PC SCREEN 26", NEC WIDE

- Professional monitor for CCTV applications
- VGA + DVI
- 110-240VAC



Size (WxHxD): mm Weight: kg

Additional Information:

2310120026

V321 - NEC PUBLIC DISPLAY 32"

- Professional monitor for CCTV applications



Size (WxHxD): mm Weight: kg

Additional Information:

2310120027

V421 - NEC PUBLIC DISPLAY 42"

- Professional monitor for CCTV applications



Size (WxHxD): mm Weight: kg

Additional Information:

IP CAMERAS INDOOR FIXED

2310111029

VN-T216PRU JVC OUTDOOR HD CAMERA , HD POE - MANUAL FOCUS

- H.264 High Profile/MJPEG/MPEG-4
- PoE or 24VAC Power
- 1080p Full HD, 2.2MP
- Super LoLux HD™ Sensitivity: 0.3lux
- 3mm — 9mm Lens
- Built-in IR LED (50ft IR distance)
- True Day/Night w/ IR Cut Filter
- Motion Detection
- SD Card Recording



Size : (ØXH)mm: 155 x 113 Weight:

Additional Information: IP-66

2310111030

VN-H257VPU JVC OUTDOOR HD CAMERA , HD POE - BACKFOCUS FOCUS

- Integrated Lens
- Dust/Water protection
- Power over Ethernet or 24VAC
- 1080p Full HD resolution
- 30fps full frame rate
- 3D Noise Reduction
- SD Card Recording
- Motion detection
- Remote focus function
- True Day/Night
- Analog video output
- Audio In/Out
- Alarm In/Out
- Built-in video analytic features
- Support of various VMS (Milestone and other leading VMS companies)



Size : (ØXH)mm: 160 x 126 Weight:

Additional Information: IP-66

IP CAMERAS INDOOR PTZ

2310111028

P-5512 AXIS INDOOR PTZ DOOM 4CIF POE

- 360° pan with Auto-flip
- 12x optical zoom
- Day/night and H.264
- Easy installation including Power over Ethernet (IEEE 802.3af)



Size (ØXH)mm: 188 x 158 Weight: kg

Additional Information: IP-66

2310111027 Roof bracket - 2310111021 Wall bracket

2310111025

P5534-E AXIS INDOOR PTZ DOOM HD POE+

- HDTV 720p
- day/night
- H.264
- Protection against dust and dripping water
- 18x optical zoom
- Power over Ethernet Plus (IEEE 802.3at)



Size (ØH): mm Weight: 1,9 kg

Additional Information: IP-66

2310111027 Roof bracket - 2310111021 Wall bracket

IP CAMERAS OUTDOOR

2310111032

129-IP-MF STT CAMERA W/ HOUSING

- Insulated camera mounting
- 2 cable entries
- Screen heater included 12-30V (DC/AC)
- Day / night camera
- 12-30V (DC/AC)
- Manual Focus



Size / Weight:

Additional Information: IP-67

2310111033

129-IP-BF STT CAMERA W/ HOUSING

- Insulated camera mounting
- 2 cable entries
- Screen heater included 12-30V (DC/AC)
- Day / night camera
- 12-30V (DC/AC)
- Back Focus



Size / Weight:

Additional Information: IP-67

2310111031

VHM-IP CAMERA W/ HOUSING & WALLBRACKET

- Full HD - 1080p Fixed camera
- Camera Weatherproof
- Fold-down Housing Body
- 4 Levels of Camera Height Adjustment
- Insulated Camera Mounting
- Integrated Connection Board
- 3 Cable Entries
- Screen Heater 12-30V Included
- Viewing Screen with "Clear-Shield" Technology
- Incorporated Carrier Handle
- Housing Surface: RAL7032
- 30x zoom day / night
- Include mounting brackets



Size (WxHxD): 241.3 x 57.2 x 181mm Weight: 1.12 kg

Additional Information: IP-66

2310111034

129-PTZ-IP - SST IP CAMERA W/ HOUSING -IP67

- Pan, Tilt, Zoom stainless steel camera
- Washer and Wiper included (5l tank with 10m tube)
- No external cables
- Designed for Minimal Maintenance
- Power over Ethernet IEEE 802.3af Class 3
- 10 x optical and 12 x digital zoom and autofocus
- HD 1080i
- Support H.264 and Motion JPEG



Size / Weight:

Additional Information: IP-67

NOTE! FOR IP /PTZ DOME ORDER

- 2310100008 AXIS M7001, VGA One Port Encoder, PoE
- 2310101008 SD427-PSG-E1 Spectra IV SS
- 23101110 02 IDM4012SS Bracket For Spectra Dome, Stainless Steel

VINGTOR PRODUCT CATALOGS

BATTERYLESS TELEPHONE SYSTEMS	A100K11295
TALK BACK & INTERCOM SYSTEM SYSTEMS	A100K11296
SPA -V2 PUBLIC ADDRESS SYSTEM	A100K11298
ACM FAMILY & PULSE SYSTEMS	A100K11297
WIRELESS SOLUTIONS	A100K11299
RADIO SOLUTIONS	A100K11318
MASTER CLOCK, SOUND RECEPTION, HOSPITAL & REFRIGERATOR SYSTEMS	A100K11300
ENTERTAINMENT SYSTEMS	A100K11302
CCTV SYSTEMS	A100K11303
COMMON EQUIPMENT	A100K11301