



IP Video Products
Reach anywhere any time

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 **Vantage**

REV 1.0

VANTAGE INTERNET PROTOCOLS (IP) VIDEO SOLUTIONS

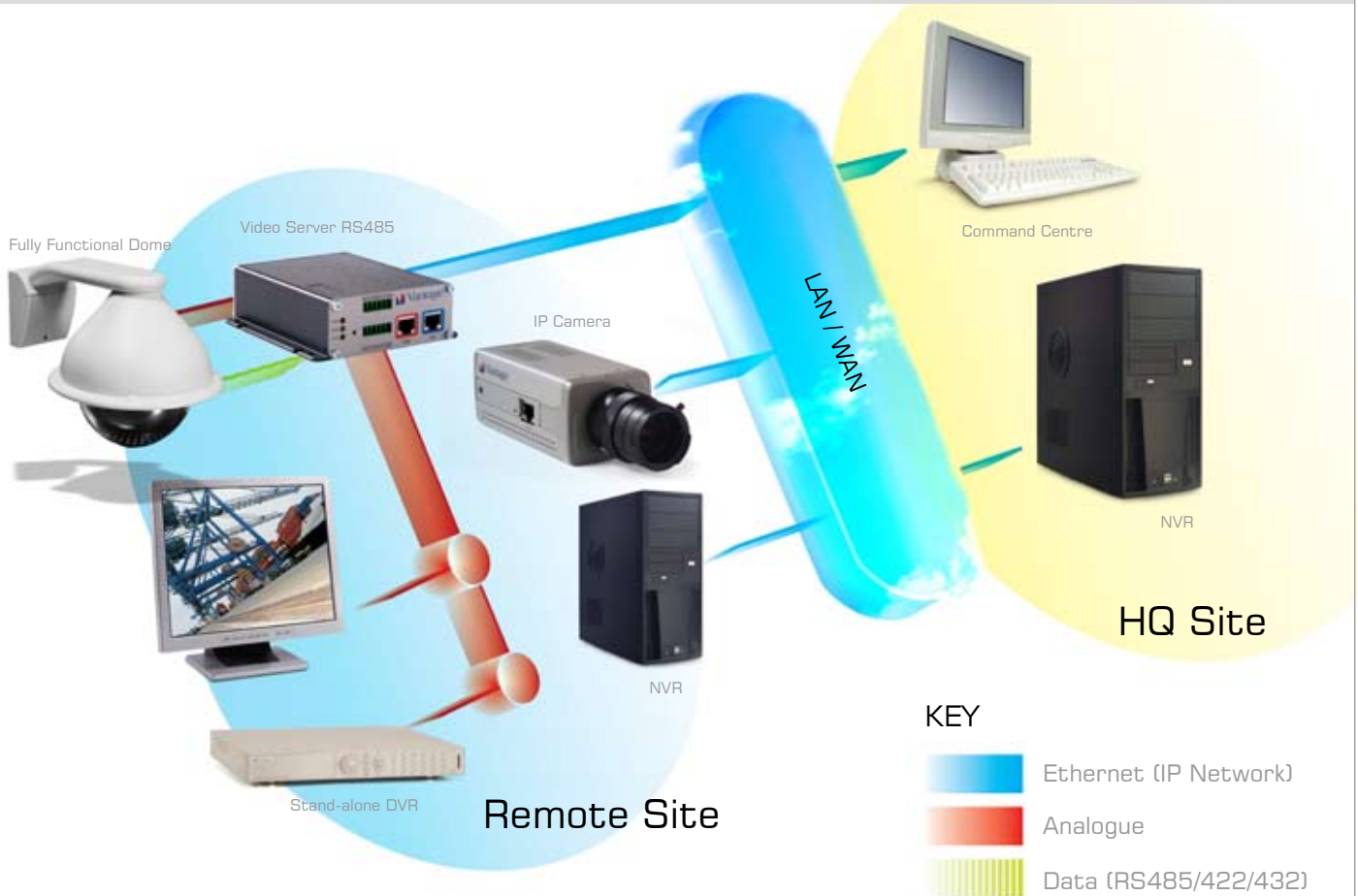
Vantage has launched a new generation of high quality IP products that enable networked transmission and management of video images.

IP (Internet Protocol) products provide an alternative to the traditional CCTV solutions. This alternative has become easier, more flexible and cost effective than ever before and allows businesses to survey, monitor and act on video pictures from any location, however remote.

By embedding IP functionality within high quality video cameras, servers and decoders, Vantage is enabling installers to easily connect to any public, private or corporate LAN/WAN network. This still provides end users the video quality they are used to with traditional high quality video products.

Monitoring and management of networked video devices can be easily managed via a PC or web browser application. This eliminates the need for dedicated switchers and video monitoring hardware and provides systems with a high degree of flexibility that would normally be cost inhibitive with traditional video products.

BEST MPEG-4 IP SOLUTIONS



IP DOME SPECIFICATIONS (Internal)



MODEL NAME	VIPC7200	VIPC7201P
Type	IP colour indoor fixed dome	IP colour indoor fixed dome
Compression	MPEG-4 ASP	MPEG-4 ASP
FPS (PAL/NTSC)	25 / 30	25 / 30
Max Video Resolution	720x576(PAL) 720x480(NTSC)	720x576(PAL) 720x480(NTSC)
Image Sensor	1/3" SuperHAD	1/3" SuperHAD
Day / Night	None	None
Lens	3.8 ~ 9.5mm	3.8 ~ 9.5mm
Audio	1-Way	1-Way
Alarm Input / Output	1/1	1/1
Motion detection	Yes	Yes
Min. Illumination	0.15 Lux at F1.2	0.15 Lux at F1.2
Analogue Video Output	Yes	Yes
Environment	Internal	Internal
Ethernet Networks	10/100 Base-T x 2 for Lan/WAN	10/100 Base-T x 2 for Lan/WAN
Security	Password/ Username protection	Password/ Username protection
Mount Type	Surface Mount (Standard)	Surface Mount (Standard)
Wall Bracket (Optional)	VMTB201	VMTB201
Flush adaptor (Optional)	VMTB503	VMTB503
DC12V	Yes	Yes
PoE (IEEE 802.3af)	None	Yes
Dimensions (Ø x D)	125mm x 109mm	125mm x 109mm

IP DOME SPECIFICATIONS (External)



MODEL NAME	VIPC7300	VIPC7301P	VIPC7320	VIPC7321P
Type	IP colour outdoor fixed dome	IP colour outdoor fixed dome	IP outdoor fixed dome D/N	IP outdoor fixed dome D/N
Compression	MPEG-4 ASP	MPEG-4 ASP	MPEG-4 ASP	MPEG-4 ASP
FPS (PAL/NTSC)	25 / 30	25 / 30	25 / 30	25 / 30
Max Video Resolution	720x576(PAL) 720x480(NTSC)	720x576(PAL) 720x480(NTSC)	720x576(PAL) 720x480(NTSC)	720x576(PAL) 720x480(NTSC)
Image Sensor	1/3" SuperHAD	1/3" SuperHAD	1/3" EXViewHAD	1/3" EXViewHAD
Day / Night	None	None	Yes	Yes
Lens	3.8 ~ 9.5mm	3.8 ~ 9.5mm	3.8 ~ 9.5mm	3.8 ~ 9.5mm
Audio	2-Way	2-Way	2-Way	2-Way
Alarm Input / Output	1/1	1/1	1/1	1/1
Motion detection	Yes	Yes	Yes	Yes
Min. Illumination	0.15Lux at F1.2 (30IRE, SAGC)	0.15Lux at F1.2 (30IRE, SAGC)	0.05 Lux at F1.2 (30IRE, SAGC On)	0.05 Lux at F1.2 (30IRE, SAGC On)
Analogue Video Output	Yes	Yes	Yes	Yes
Environment	IP66 Weather Proof Vandal Proof	IP66 Weather Proof Vandal Proof	IP66 Weather Proof Vandal Proof	IP66 Weather Proof Vandal Proof
Ethernet Networks	10/100 Base-T x 2 for Lan/WAN	10/100 Base-T x 2 for Lan/WAN	10/100 Base-T x 2 for Lan/WAN	10/100 Base-T x 2 for Lan/WAN
Security	Password/ Username protection	Password/ Username protection	Password/ Username protection	Password/ Username protection
Mount Type	Surface Mount (Standard)	Surface Mount (Standard)	Surface Mount (Standard)	Surface Mount (Standard)
Wall Bracket (Optional)	VMTB703	VMTB703	VMTB703	VMTB703
Flush adaptor (Optional)	VMTB701	VMTB701	VMTB701	VMTB701
DC12V	Yes	Yes	Yes	Yes
PoE (IEEE 802.3af)	None	Yes	None	Yes
Dimensions (Ø x D)	149mm x 102mm	149mm x 102mm	149mm x 102mm	149mm x 102mm

IP CAMERA SPECIFICATIONS

MODEL NAME	VIPC5300	VIPC5301P	VIPC5320	VIPC5321P
Type	IP Colour Camera	IP Colour Camera	IP D/N Camera	IP D/N Camera
Compression	MPEG-4 ASP	MPEG-4 ASP	MPEG-4 ASP	MPEG-4 ASP
FPS (PAL/NTSC)	25 / 30	25 / 30	25 / 30	25 / 30
Max Video Resolution	720x576(PAL) 720x480(NTSC)	720x576(PAL) 720x480(NTSC)	720x576(PAL) 720x480(NTSC)	720x576(PAL) 720x480(NTSC)
Image Sensor	1/3" SuperHAD	1/3" SuperHAD	1/3" EXView HAD	1/3" EXView HAD
Day / Night	None	None	Yes	Yes
Audio	None	None	None	None
Alarm Input / Output	1/1	1/1	1/1	1/1
Motion detection	Yes	Yes	Yes	Yes
Min. Illumination	0.15 Lux at F1.2	0.15 Lux at F1.2	0.05 Lux at F1.2 without IR light, 0 Lux at F1.2 with IR Light	0.05 Lux at F1.2 without IR light, 0 Lux at F1.2 with IR Light
Analogue Video Output	Yes	Yes	Yes	Yes
Ethernet Networks	10/100 Base-T x 2 for Lan/WAN	10/100 Base-T x 2 for Lan/WAN	10/100 Base-T x 2 for Lan/WAN	VRMK-a 10/100 Base-T x 2 for Lan/WAN 2000
Security	Password/ Username protection	Password/ Username protection	Password/ Username protection	Password/ Username protection
DC12V	Yes	Yes	Yes	Yes
PoE (IEEE 802.3af)	None	Yes	None	Yes
Dimensions (H x W x L)	52mm x 63mm x 121mm	52mm x 63mm x 121mm	52mm x 63mm x 121mm	52mm x 63mm x 121mm



IP SERVER SPECIFICATIONS

MODEL NAME	VIPS2120	VIPS3300	VIPS2410	VIPS2310Q
Type	1-ch Video Server	1-ch Video Decoder	2-ch Video Server	Quad Video Server
Compression	MPEG-4 ASP	MPEG-4 ASP	MPEG-4 ASP	MPEG-4 ASP
FPS (PAL/NTSC)	25 / 30	25 / 30	25 / 30	25 / 30
Max Video Resolution	720x576(PAL) 720x480(NTSC)	720x576(PAL) 720x480(NTSC)	720x576(PAL) 720x480(NTSC)	720x576(PAL) 720x480(NTSC)
Bit Rate	28 K ~ 3 M bps	28 K ~ 3 M bps	28 K ~ 3 M bps	28 K ~ 3 M bps
Video Input	Composite x1	None	Composite x2	Composite x4
Video Output	Composite x1	Composite x1; YC x1	Composite x2	Composite x1
Serial Port	RS-485/422/232	RS-485/422/232	RS-485/422/232	RS-485/422/232
Audio	None	None	None	None
Alarm Input/Output	2/2	2/2	2/2 (per channel)	2/2
Motion Detection	Yes	Yes	Yes	Yes
Ethernet Networks	10/100 Base-T x 2 for Lan/WAN	10/100 Base-T x 2 for Lan/WAN	10/100 Base-T x 2 for Lan/WAN	10/100 Base-T x 2 for Lan/WAN
Mount Type	Wall Mount	Wall Mount	Wall Mount	Wall Mount
Rack Solution	VRMK-2000	VRMK-2000	VRMK-2000	VRMK-2000
DC12V	Yes	Yes	Yes	Yes
Dimensions (H x W x L)	38mm x 112mm x 119mm	38mm x 112mm x 119mm	42mm x 144mm x 144mm	42mm x 138mm x 122mm



ENTRY LEVEL IP PRODUCTS SPECIFICATIONS



MODEL NAME	VIP1100E	VIP1311EP	VIP1431EP	VIP3100E	VIP3211EP	VIP3311EP	VIP4100K
Type	IP indoor bullet camera	IP indoor bullet IR camera D/N	IP Outdoor bullet IR camera D/N	IP indoor dome	IP indoor IR Eyeball Dome D/N	IP indoor IR dome D/N	IP indoor CMOS IP cube camera
Compression	MPEG-4 SP	MPEG-4 SP	MPEG-4 SP	MPEG-4 SP	MPEG-4 SP	MPEG-4 SP	MPEG-4 SP
FPS (PAL/NTSC)	25 / 30	25 / 30	25 / 30	25 / 30	25 / 30	25 / 30	25 / 30
Max Video Resolution	640 x 480 (NTSC); 640 x 480 (PAL)	720x480 (NTSC); 720x576 (PAL)	720x480 (NTSC); 720x576 (PAL)	640 x 480 (NTSC); 640 x 480 (PAL)	720x480 (NTSC); 720x576 (PAL)	720x480 (NTSC); 720x576 (PAL)	640 x 480 (NTSC); 640 x 480 (PAL)
Image Sensor	Micron Interlaced Scan SuperCMOS	1/3" Sony SuperHAD CCD	1/3" Sony SuperHAD CCD	Micron Interlaced Scan SuperCMOS	1/3" Sony SuperHAD CCD	1/3" Sony SuperHAD CCD	1/4" SuperCMOS Sensor
Day / Night	No	Yes	Yes	No	Yes	Yes	No
Lens	3.8 mm	4.3 mm	3.8 ~ 9.5 mm	3.8 mm	4.3 mm	4.3 mm	4.2 mm
Audio	Two way	Two way	Two way	Two way	Two way	Two way	Two way
Alarm Input / Output	1 / 1	1 / 1	1 / 1	1 / 1	1 / 1	1 / 1	1 / 1
Motion Detection	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Min. Illumination	0.1 Lux at F2.0	0Lux with IR LED on	0Lux with IR LED on	0.1 Lux at F2.0	0Lux with IR LED on	0Lux with IR LED on	0.1 Lux at F1.8
Analogue Video Output	Yes	Yes	Yes	Yes	Yes	Yes	No
Environment	Internal	Internal	Weatherproof with IP66 protection	Internal	Internal	Internal	Internal
Ethernet Networks	Ethernet(10/100 Base-T), RJ-45 connector	Ethernet(10/100 Base-T), RJ-45 connector	Ethernet(10/100 Base-T), RJ-45 connector	Ethernet(10/100 Base-T), RJ-45 connector	Ethernet(10/100 Base-T), RJ-45 connector	Ethernet(10/100 Base-T), RJ-45 connector	Ethernet(10/100 Base-T), RJ-45 connector
Security	Password/Username Protection	Password/Username Protection	Password/Username Protection	Password/Username Protection	Password/Username Protection	Password/Username Protection	Password/Username Protection
Operating Temperature	0 °C ~ 40 °C	0 °C ~ 40 °C	-20 °C ~ 40 °C	-10 °C ~ 50 °C	-10 °C ~ 50 °C	-10 °C ~ 50 °C	TBA
Bracket	VIPB1	VIPB1	VIPB2	N/A	N/A	N/A	N/A
DC12V	Yes	Yes	Yes	Yes	Yes	Yes	DC3.3V
PoE (IEEE802.3af)	No	Yes	Yes	No	Yes	Yes	No
Dimensions (ØxH)	66 mm x 130.6 mm	66 mm x 130.6 mm	77 mm x 220 mm	130 mm X 99 mm	106.5 mm X 99.8 mm	130 mm X 99 mm	88 mm x 85 mm

IP CAMERA SPECIFICATIONS



MODEL NAME	VIPC5322	VIPC7322
Type	IP D/N colour camera	IP outdoor fixed dome D/N
Compression	MPEG-4 ASP	MPEG-4 ASP
FPS (PAL/NTSC)	25 / 30	25 / 30
Max Video Resolution	811 x 508 (NTSC); 795 x 596 (PAL)	811 x 508 (NTSC); 795 x 596 (PAL)
Image Sensor	1/3" SONY EXviewHAD CCD	1/3" SONY EXviewHAD CCD
Day / Night	Yes	Yes
Audio	None	Two way
Alarm Input / Output	1 / 1	1 / 1
Motion Detection	Yes	Yes
Min. Illumination	0.05 Lux at F1.2	0.05 Lux at F1.2
Analogue Video Output	Yes	Yes
Environment	Internal	Weatherproof and vandal proof with IP66
Ethernet Networks	Ethernet(10/100 Base- T), RJ-45 connector	Ethernet(10/100 Base-T), RJ-45 connector
Security	Password/Username Protection	Password/Username Protection
Operating Temperature	5°C~50°C	-30 °C ~ 50 °C
DC12V	Yes	Yes
AC24V	Yes	Yes
PoE (IEEE802.3af)	No	No
Dimensions	63 mm x 52 mm x 120 mm (WxHxD)	151.69 mm x 114.9 mm (ØxH)

IP SERVER SPECIFICATIONS



MODEL NAME	VIP2140	VIP2610	VIP2200	VIP3320
Type	1-ch video server	8-ch video server	4-ch video server	1-ch transcoder
Compression	MPEG-4 ASP	MPEG-4 ASP	MPEG-4 SP	MPEG-4 ASP
FPS (PAL/NTSC)	25 / 30	25 / 30	25 / 30	25 / 30
Max Video Resolution	720 x 480 (NTSC); 720 x 576 (PAL)	720 x 480 (NTSC); 720 x 576 (PAL)	720 x 480 (NTSC); 720 x 576 (PAL)	720 x 480 (NTSC); 720 x 576 (PAL)
Bit Rate	28 K ~ 3 M bps	28 K ~ 3 M bps	28 K ~ 3 M bps	N/A
Video Input	Composite x1	Composite x8	Composite x4	N/A
Video Output	Composite x1	N/A	N/A	Composite x1
Serial Port	RS-485/422/232	RS-485/422/232	RS-485/422/232	RS-485/422/232
Audio	Two way	Two way	Two way	Two way
Alarm Input/Output	2/2	2/2	2/2	2/2
Motion Detection	Yes	Yes	Yes	Yes
Ethernet Networks	Ethernet(10/100 Base- T), RJ-45 connector	Ethernet(10/100 Base- T), RJ-45 connector	Ethernet(10/100 Base- T), RJ-45 connector	Ethernet(10/100 Base- T), RJ-45 connector
DC12V	Yes	No	Yes	Yes
AC 100 - 240 V	No	Yes	No	No
Dimensions (WxHxD)	112 mm x 37.2 mm x 119 mm	434 mm x 236 mm x 44.3 mm	170 mm x 42.7 mm x149 mm	112 mm x 37.2 mm x 119 mm

IP FULLY FUNCTIONAL DOME SPECIFICATIONS



MODEL NAME	VIPC6510F	VIPC6610
Type	IP indoor D/N fully functional dome	IP outdoor D/N fully functional dome
Compression	MPEG-4 ASP	MPEG-4 ASP
FPS (PAL/NTSC)	25 / 30	25 / 30
Max Video Resolution	720x480 (NTSC); 720x576 (PAL)	720x480 (NTSC); 720x576 (PAL)
Image Sensor	1/4" SONY EXviewHAD CCD	1/4" SONY EXviewHAD CCD
Day / Night	Yes	Yes
Min. Illumination	0.005 Lux at F1.4	0.005 Lux at F1.4
Lens	4.1 ~ 73.8 mm	4.1 ~ 73.8 mm
Zoom Ratio	18x	18x
Audio	None	Two way
Alarm Input / Output	8 / 1	1 / 1
Motion Detection	Yes	Yes
Pan/Tilt	Manual speed: 1° ~ 90° / sec; Preset speed: 5° ~ 400° / sec	Manual speed: 1° ~ 90° / sec; Preset speed: 5° ~ 400° / sec
Environment	Internal	IP66 Weatherproof
Ethernet Networks	Ethernet(10/100 Base-T), RJ-45 connector	Ethernet(10/100 Base-T), RJ-45 connector
Security	Password/Username Protection	Password/Username Protection
Operating Temperature	-50 ~ 40 °C	-50 ~ 50 °C
AC24V	Yes	Yes
Dimensions (ØxH)	131 mm x 226 mm	172 mm x 302.5 mm

IP FULLY FUNCTIONAL DOME ACCESSORIES



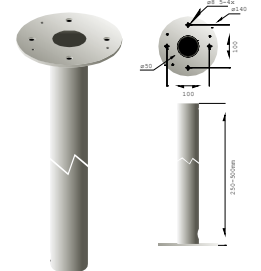
VMTBIF1



VMTBIF2



VMTBGN



VMTBST



VMTBPL



VMTBCP



V65AC & V66AC

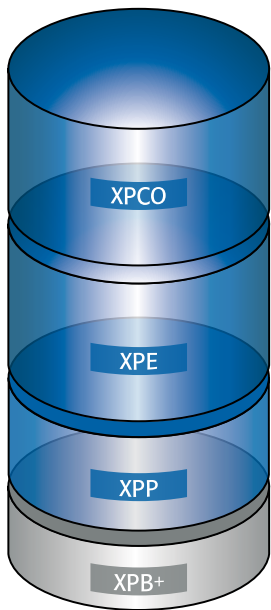


Milestone Systems

The world leading provider of open platform IP video surveillance software.

Milestone is the world market leader for open platform IP video management software. The XProtect™ products are easy to use, robust and proven in operation at 25,000 customer installations. Supporting the widest choice in network hardware and integration with other systems provides best-of-breed solutions to video enable your business, reduce costs, optimize processes, protect assets and ultimately increase value in your company's products and services. Milestone solutions are sold through authorized partners in 62 countries.

Core Products



XProtect Corporate (XPCO)

- ◆ Unlimited cameras/devices
- ◆ Unlimited servers
- ◆ Unlimited users
- ◆ Central management
- ◆ Full-featured remote access

XProtect Enterprise (XPE)

- ◆ Unlimited cameras/devices
- ◆ Unlimited servers
- ◆ Unlimited users
- ◆ Full-featured remote access

XProtect Professional (XPP)

- ◆ 64 cameras
- ◆ Single server
- ◆ Full-featured remote access

XProtect Basis+ (XPB+)

- ◆ 25 cameras
- ◆ Single server
- ◆ Basic remote access

XProtect Corporate is a premium multi-server video management system with central management of unlimited cameras, including full-featured remote access.

XProtect Enterprise is a comprehensive multi-server video management system running unlimited cameras and including full-featured remote access.

XProtect Professional is an advanced single server video management system running up to 64 cameras per server including full-featured remote access.

XProtect Basis+ is an expanded single server video management system running up to 25 cameras per server including basic remote access.

XProtect Central is an add-on product that provides complete overview of surveillance system status and alarms from XProtect Corporate and Enterprise.

XProtect Matrix is an add-on product that forces live video from any camera to any monitor on a network operating with XProtect Corporate, Enterprise and Professional.

XProtect Transact is an add-on product that handles loss prevention through video evidence combined with time-linked POS or ATM transaction data, integrated with XProtect Corporate, Enterprise, Professional or Basis+.

XProtect Retail is a customizable solution to manage shrinkage and fraud detection. Video evidence is integrated with cash register transaction data for advanced, flexible searching and analysis; central or local management.

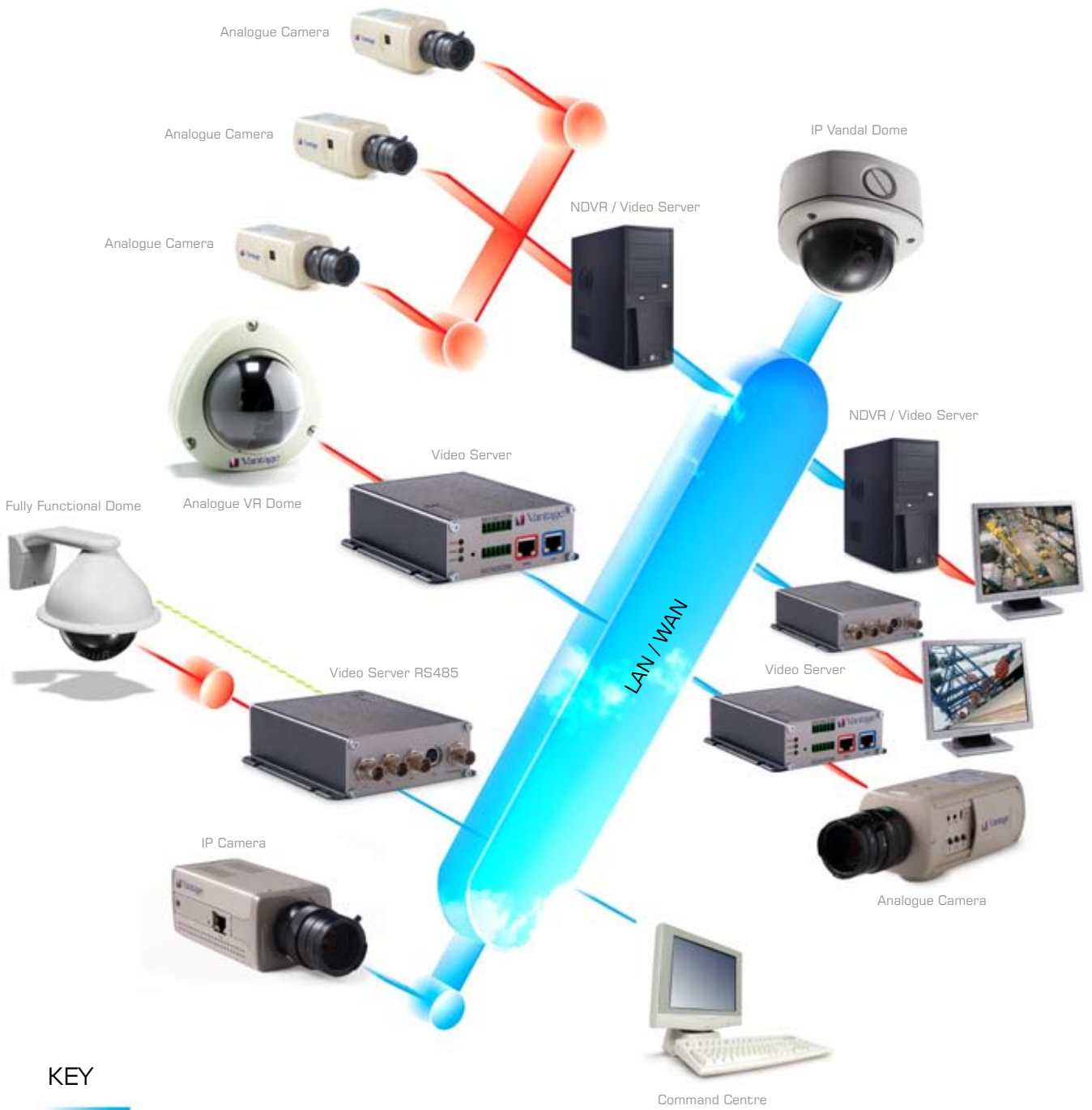
Milestone Systems offers as the cornerstone of its support to customers a Product Maintenance Agreement (PMA).

The PMA provides an easy way for customers to protect their investment in Milestone surveillance solutions and to control the future cost of ownership. By purchasing a PMA for a Milestone product, the customer ensures that their video surveillance solution is always kept up to date with the newest available release of the software - without having to worry about any extra updating cost. With a PMA, the customer is also guaranteed a 100% return on the original investment when upgrading to a more advanced product.






CONVERGED IP SOLUTION

SOLUTION TEMPLATE



KEY

-  Ethernet (IP Network)
-  Analogue
-  Data (RS485/422/432)

Distributor Details