

2MEGAPIXEL NETWORK COVERT CAMERA

VHi



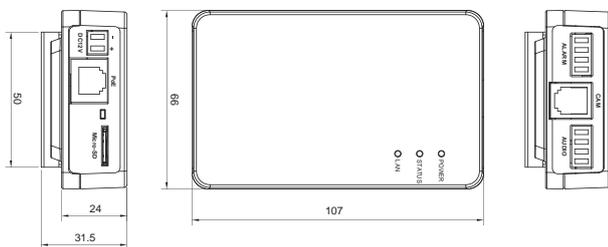
→ KEY FEATURES

- 1/3" 2Megapixel APTINA CMOS Image Sensor
- Megapixel Pinhole Lens f=3.7mm (78°)
- Multi Streaming of H.264 and MJPEG
- Supports Image Resolution up to 1920x1080 (FHD)
- Full HD (1920x1080 : 1080p) 30fps
- Supports CBR and CVBR Mode
- Controllable Frame Rate
- 2D+3D DNR (Digital Noise Reduction)
- WDR (Wide Dynamic Range)
- Smart IR
- Defog
- Privacy Masking up to 8 Areas
- 2 Way Audio
- Digital Zoom
- DC 12V and IEEE 802.3af PoE
- ONVIF Support
- Includes Windows Based IP Installer and License-free 16 Channel NVR Software

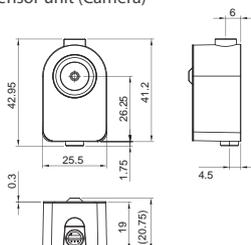
→ DIMENSIONS

Unit : mm

Main unit (Server)



Sensor unit (Camera)



→ SPECIFICATIONS

VHi			
General	CPU	32-bit ARM9 RISC CPU up to 432MHz	
	Flash	128 Mbyte	
	SDRAM	128 Mbyte	
Camera	Image Sensor	1/3" 2Megapixel APTINA CMOS	
	Total Pixels	2034(H) x 1536(V)	
	Effective Pixels	1920(H) x 1080(V)	
	S/N Ratio	More than 50dB	
	Min. Illumination	0.2Lux	
	Day & Night	Auto (AGC D/N)	
	Lens	Megapixel Pinhole Lens f=3.7mm	
Video	Compression	H.264 High Profile@4.0, MJPEG - Image quality : 3 steps	
	Resolution	Up to 1920x1080 (FHD)	
	Frame Rate	H.264 Up to 30fps with 1920x1080 MJPEG Up to 30fps with VGA resolution	
	Streaming	Support multi stream with H.264, MJPEG, Adjustable frame rate, CVBR/CBR in H.264	
	Pan / Tilt / Zoom	Digital PTZ	
	Image Setting	Day & Night	Auto white balance
		Auto exposure	Privacy mask
		WDR (Low / Middle / High)	Defog (On / Off), Smart IR (Off / 0~15)
		3DNR (On / Off)	Effect - Color, Sharpness, Mirror/V-Flip, etc.
		Audio	Compression
Streaming		G.711	
Network	Security	Password protection, User access log, HTTPS encryption	
	Protocol	HTTP, HTTPS, FTP, SMTP, UPnP, DNS, DDNS, NTP, RTSP, RTP, TCP, UDP, ICMP, DHCP	
	Intelligent Video	Motion detection up to 1920x1080 with 4x3 blocks	
	Alarm Events	File upload via FTP, E-mail, Notification via email, FTP and TCP	
	Video Buffer	5MB Pre-alarm and 180sec. (Max.) Post-alarm	
	F/W Upgrade	Remote upgrade via network	
	API	CGI interface document, ActiveX interface [ocx (dll) + document]	
Software	NVR C/S (16channel), IP Installer (Windows only)		
Storage	Micro SD slot		
LED's	Power, Network status, Network link		
Package Contents	Network camera, User manual, External power adaptor (optional), Software CD		
Power Source	DC 12V / 1.5A, PoE (Power over Ethernet) : 802.3af		
Power Consumption	Max. 4.5W		
Operating Temperature	-10°C ~ 50°C (14°F ~ 122°F)		
Storage Temperature	-20°C ~ 60°C (-4°F ~ 140°F)		
Dimension	66(W) x 107(H) x 31.5(D)mm		
Weight	Appx. 110g (Server only)		

* Design and specification are subject to change without notice.