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WatchCam
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2MEGAPIXEL FULL HD x10 ZOOM NETWORK MINI PTZ CAMERA
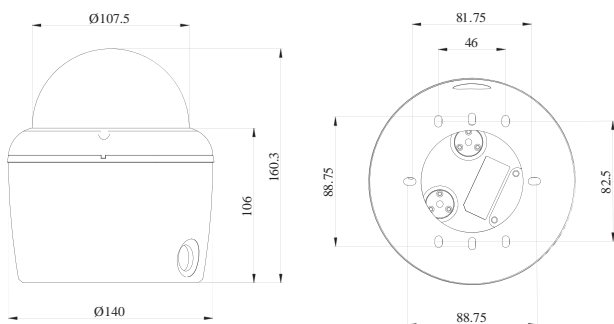
WIHI-V10D

→ KEY FEATURES

- 1/2.8" 2Megapixel PANASONIC CMOS Image Sensor
- 1080P@30fps High Resolution
- x320 Zoom Control (Optical x10 / Digital x32)
- f=5.1~51.0mm Smart Focus Lens
- 3D DNR (Digital Noise Reduction)
- WDR (Wide Dynamic Range)
- Defog
- H.264 & MJPEG Dual Stream
- CBR & CVBR Modes
- ONVIF (Profile S)
- PoE : IEEE 802.3af
- Micro SD/SDHC Memory Slot
- IP66 Waterproof

→ DIMENSIONS

Unit : mm

Ø107.5
160.3
106
Ø140

81.75
46
88.75
82.5
88.75

→ SPECIFICATIONS

WIHI-V10D		
Camera	Image Sensor	1/2.8" 2Megapixel PANASONIC CMOS Image Sensor
	Total Pixels	1952(H) x 1266(V) = 2.4M (Pixels)
	Effective Pixels	1944(H) x 1212(V) = 2.3M (Pixels)
	Scanning System	Progressive Scan
	S/N Ratio	More than 50dB
	Min. Illumination	Color : 0.5Lux / 0.002Lux (DSS On)
		B/W : 0.1Lux / 0.001Lux (DSS On)
	Lens Zoom	Optical x10 / Digital x32
	Focal Length	f=5.1~51.0mm
	F No.	F1.6 ~ 3.5
	Angle of View	54°~4.9°(H) / 31°~4.0°(V) / 68°~6.7°(D)
	Electronic Shutter	1/30 ~ 1/60,000sec.
	Image Setting	Day & Night (Auto, Color, B/W) / WDR / 3D DNR / Defog / Privacy Mask
		Effect - Color / Sharpness / Mirror & V-Flip / etc.
	Pan / Range	Pan : 360° / Tilt : -3° ~ 180°
	Tilt Speed	Pan : 300°/sec. / Tilt : 300°/sec.
	Preset	64
Video	Compress Format	H.264 High Profile / MJPEG
	Resolution	Up to 1920x1080
	Frame Rate	H.264 Up to 30fps with 1920x1080
		MJPEG Up to 30fps with VGA Resolution
	Bit Rate Control	100,000 ~ 8,000,000 bits/s
	Streaming	CBR, CVBR
Network	Protocol	HTTP, HTTPS, FTP, SMTP, UPnP, DNS, DDNS, NTP, RTSP, RTP, TCP,
		UDP, ICMP, DHCP
	ONVIF	Ver. 2.2 (Profile S)
	Security	Password Protection, User Access Log, HTTPS Encryption
	Intelligent Video	Motion Detection up to 1920x1080 with 12x12 Blocks
	Alarm Events	File Upload via FTP and E-mail / Notification via E-mail, FTP and TCP
	Remote Application	Web Viewer, Mobile Viewer, CMS, IP Installer
	Firmware Upgrade	Remote Upgrade via Network
	Simultaneous Access	8
	API	CGI Interface Document, ActiveX Interface (OCX(dll)+Document)
Interface	Ethernet	RJ-45 (10/100 Base-T)
	Video Output (Option)	CVBS : 1.0Vp-p/75Ω
	Audio In/Out (Option)	In : 1 / Out : 1
	Alarm In/Out (Option)	In : 1 / Out : 1
	Reset Button	1ea (Factory Default)
	Status LED	Red : Power / Green : Network
	Memory Slot	Micro SD/SDHC
General	Power Source	DC 12V / 3A, PoE (IEEE 802.3af)
	Power Consumption	Max. 10W
	Operating Temperature	-10℃ ~ 50℃
	Storage Temperature	-20℃ ~ 60℃
	Operating Humidity	10% ~ 90%
	Storage Humidity	10% ~ 90%
	Dimension	140(Ø) x 160(H)mm
	Weight	1.7kg

• Design and specification are subject to change without notice.