MEGApix
IP Cameras

4 Megapixel

WDR

4.0mm Fixed Lens

Smart IR™

IP66 Rated

5 YEAR Warranty

Dimensions
unit : Inch (mm)

6.41" (163mm)

3.64" (92.5mm)

2.65" (67.5mm)

Summary

MEGApix® IP cameras provide 4 megapixel resolution at up to real-time 30fps. Features include Smart IR™, true WDR and Smart DNR™ 3D digital noise reduction for quality video in challenging lighting environments. PoE simplifies installation.

Features

- 4MP 1/3" image sensor at real-time 30fps
- 4.0mm fixed lens
- True Wide Dynamic Range (WDR)
- Dual codecs (H.264, MJPEG) with simultaneous dual-stream
- 60' Smart IR™ with intelligent camera sync
- Smart DNR™ 3D digital noise reduction
- True day/night with mechanical IR cut filter
- Programmable privacy zones
- Auto gain control (AGC)
- Auto white balance (AWB)
- Motion detection
- Micro SD/SDHC/SDXC class 10 card slot (card not included)
- Web server built-in
- PoE class 3 and DC12V
- Waterproof cabling
- ONVIF conformant, profile S
- IP66 certified weather and tamper resistant
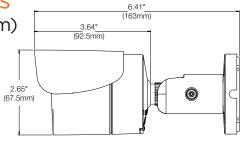- 5 year warranty

Specifications

IMAGE	
Image sensor	4MP 1/3" CMOS
Total pixels	2688 (H) x 1520 (V)
Minimum scene illumination	0.41 lux (color)
	0.0 lux (B&W)

LENS	
Focal length	4.0mm, F2.0
Lens type	Fixed lens
Field of view (FoV)	81°
IR distance	60ft range

OPERATIONAL	
Shutter mode	Auto, manual, anti-flicker, slow shutter
Shutter speed	1/30-1/32000
Slow shutter	1-1/5,1/7.5, 1/10
Auto gain control	Auto
Day / night	Auto, day (color), night (B/W)
Smart DNR™ 3D digital noise reduction	0-11
Wide dynamic range (WDR)	True WDR off, WDR2x, WDR3x
Wide dynamic range (WDR) dB	120dB
Privacy zone	16 programmable privacy masks
Alarm notifications	Notifications via e-mail, FTP server or SD card recording
Memory slot	Micro SD / SDHC / SDXC (card not included)

NETWORK	
LAN	802.3 compliance 10/100 LAN
Video compression type	H.264, MJPEG
Resolution	H.264: 1440p/1080p/720p/VGA/D1/CIF MJPEG: 1280x720/800x600/VGA/768x432/D1/CIF
Frame rate	Up to 30fps at all resolutions
Video bitrate	100Kbps ~ 10Mbps, multi-rate for preview and recording
Bitrate control	Multi-streaming CBR/VBR at H.264 (controllable frame rate and bandwidth)
Streaming capability	Dual-stream at different rates and resolutions
IP	IPv4
Protocol	Zero config(Auto IP), ONVIF, TCP/IP, UDP, RTP(UDP/TCP), RTSP, NTP, HTTP,HTTPS, SSL, DNS, DDNS, DHCP, FTP, SMTP, ICMP, SNMPv1/v2c/v3(MIB-2)
Security	HTTPS(SSL), IP filtering, 802.1x, digest authentication(ID/PW)
ONVIF conformance	Yes
Web viewer	OS: Windows®, Mac® OS, Linux® Browser: Internet Explorer®, Google Chrome®, Mozilla Firefox®, Safari®
Video management software	DW Spectrum® IPVMS

ENVIRONMENTAL	
Operating temperature	-4°F ~ 122°F (-20°C ~ 50°C)
Operating humidity	10–90% RH (non–condensing)
IP rating	IP66 certified weather and tamper resistant IP66 certified weather and tamper resistant
Other certificationsc	CE, FCC, RoHS

ELECTRICAL	
Power requirement	DC12V, PoE (IEEE 802.3af class 3). Adaptor not Included.
Power consumption	DC12V: Max 6.1W PoE: Max 7.8W

MECHANICAL	
Material	Aluminum bullet housing
Dimensions	6.41" x 2.65" (163 x 67.5 mm)
Weight	1.1 lbs (0.5kg)

ONVIF

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DW DIGITAL WATCHDOG