



Summary

This MEGAPIX® IP camera provides 2.1MP/1080p resolution at real-time 30fps. It includes a 4.0mm fixed lens, simultaneous H.265/H.264/MJPEG codec support and Star-Light Plus™ color in near-total darkness technology for quality video in any lighting condition, all in an IP67 dust-tight and waterproof bullet housing. All MEGAPIX® cameras are ONVIF conformant, assuring their successful integration with any open platform solution on the market.

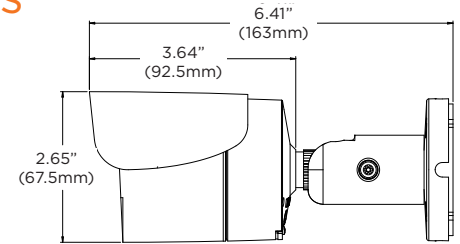
Features

- 2.1MP/1080p 1/2.8" image sensor at real-time 30fps
- Star-Light Plus™ color in near-total darkness technology
- 4.0mm fixed lens
- True Wide Dynamic Range (WDR)
- Triple codecs (H.265, H.264, MJPEG) with simultaneous streaming
- 100' Smart IR™ with intelligent camera sync
- Smart DNR™ 3D digital noise reduction
- True day/night 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 2 and DC12V
- ONVIF conformant, profile S
- IP67 dust-tight and water-proof to 3 feet
- 5 year warranty



Dimensions

unit: Inch (mm)



Specifications

IMAGE	
Image sensor	2.1MP/1080p 1/2.8" CMOS
Total pixels	1945 (H) X 1109 (V)
Minimum scene illumination	0.09 lux (color) 0.0 lux (B/W)
LENS	
Focal length	4.0mm, F2.6
Lens type	Fixed lens
Field of view (FoV)	86°
IR distance	100ft range
OPERATIONAL	
Shutter mode	Auto, manual, anti-flicker, slow shutter
Shutter speed	1/15 - 1/32000
Slow shutter	1/2, 1/3, 1/5, 1/6, 1/7.5, 1/10
Auto gain control	Auto
Day and night	Auto, day (color), night (B/W)
Smart DNR™ 3D digital noise reduction	3D-DNR
Wide Dynamic Range (WDR)	True WDR
Wide Dynamic Range (WDR) dB	120dB
Privacy zone	16 programmable privacy masks
Mirror and flip	Yes
Alarm notifications	Notifications via e-mail notifications, FTP and SD card recording
Memory slot	Micro SD / SDHC / SDXC (card not included)
NETWORK	
LAN	RJ45 (10/100Base-T)
Video compression type	H.265, H.264, MJPEG
Resolution	H.265: 2.1MP/1080p, 720p, VGA, D1, CIF H.264: 2.1MP/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, H.265 (controllable frame rate and bandwidth)
Streaming capability	Dual-stream at different rates and resolutions
IP	IPv4, IPv6
Protocol	TCP/IP, UDP, AutoIP, RTP (UDP/TCP), RTSP, NTP, HTTP, HTTPS, SSL, DNS, DDNS, DHCP, FTP, SMTP, ICMP, SNMPv1/v2/v3 (MIB-2), ONVIF
Security	HTTPS (SSL), IP filtering, 802.1x, digest authentication (ID/PW)
ONVIF conformance	Yes
OS:	Windows®, Mac® OS, Linux®
Web viewer	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% (non-condensing)
IP rating	IP67-rated
Other certifications	CE, FCC, RoHS
ELECTRICAL	
Power requirement	DC 12V, PoE (IEEE 802.3af Class 2). (Adapter not included)
Power consumption	DC12V: max 4.5W PoE: max 6.0W
MECHANICAL	
Material	Aluminum bullet housing
Dimensions	6.41" x 2.65" (163 x 67.5 mm)
Weight	1.1 lbs (0.5kg)
Warranty	5 year warranty