



4K

Resolution



Star-Light Plus™



0-360° Pan



Optical Zoom



Smart IR™



IP66 Rated

Summary

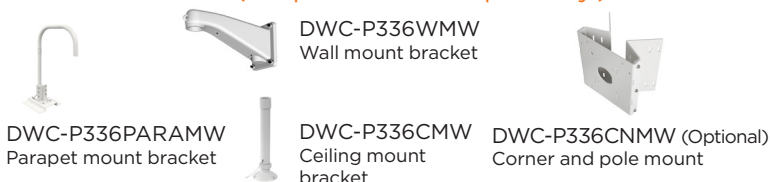
The MEGApix® 30x PTZ Camera delivers crystal-clear 4K resolution at real-time 30fps. The camera is powered by Star-Light Plus™ technology for outstanding color in near-total darkness. Features include 30x optical zoom and Smart IR™ up to 1148ft (350m) in an IP66-rated, IK-10 impact-resistant vandal housing. A wall mount and ceiling mount are sold separately and are required to complete the camera's installation.

Features

- 4K 1/1.7" image sensor at real-time 30fps
- Star-Light Plus™ color in near-total darkness technology
- 6-180mm motorized zoom PTZ lens
- True wide dynamic range (WDR)
- Multiple codecs (H.265, H.264, MJPEG) with simultaneous dual-stream
- 30x optical zoom
- 1148' (350m) Smart IR™ with intelligent camera sync
- Smart DNR™ 3D digital noise reduction
- True day/night with mechanical IR cut filter
- Programmable privacy zones
- Backlight Compensation (BLC)
- Auto white balance (AWB)
- Motion detection
- Two-way audio
- Pan 0-360° endless, 380° per second pan speed
- Vector drive technology – pan/tilt motion in shortest path
- 256 preset positions, 8 patterns, 8 tours
- Micro SD/SDHC/SDXC class 10 card slot for emergency backup (card not included)
- Alarm sensor input
- Relay output
- Web server built-in
- PoE injector included
- PoE class 4 and DC12V
- ONVIF conformant, profile S
- IP66 environmental-rated dust-tight and water-resistant
- IK 10-rated impact-resistant

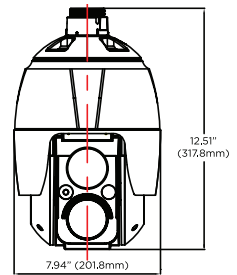


Accessories (Required. Sold Separately.)



Dimensions

Unit: Inch (mm)



Specifications

IMAGE	
Image sensor	4K 1/1.7" CMOS sensor
Total pixels	4168 x 3062
Active pixels	3840 x 2160
Scanning system	Progressive scan
Minimum scene illumination	0.75 lux (color) 0 lux (B/W)
LENS	
Focal length	6-180mm
Lens type	Motorized zoom PTZ lens
IR distance	1148ft (350m) range
Angle of view	55.4-2.7°
Digital zoom / zoom	30x optical zoom
I/O	
Audio input / output	1/1
Audio compression	G.711
Audio Alert	User-defined 3 audio files
Alarm input / output	4/1
Manual triggers	4 programmable triggers
OPERATIONAL	
Shutter mode	Auto, flicker free mode
Shutter speed	1/10,000-1sec
Backlight	Yes
De-fog	Yes
Wide dynamic range (WDR)	True WDR
Wide dynamic range (WDR) dB	120dB
Smart DNR™ 3D digital noise reduction	2DNR, 3DNR
White balance	Auto, manual
Day and night	Auto, day (color), night (B/W)
Mirror / flip	Yes
Privacy zones	16 programmable privacy masks
Motion detection	16 programmable motion zones (8 include areas and 8 exclude areas)
Memory slot	Micro SD / SDHC / SDXC card. (card not included)
SD card recording mode	Event and continuous recording
Event buffering	FTP: Pre: 30sec, Post: 30sec SD card: Pre: 10sec, Post: 60sec
Alarm notifications	Notifications via e-mail, FTP server, alarm output activation, audio output activation, preset activation, notification server, XML notifications or SD card recording.
PTZ FUNCTION	
Pan range	360° endless
Pan speed	Max. 380°/sec. (preset)
Tilt range	-10-190°
Tilt speed	Max. 380°/sec. (preset)
Preset	256
Tour	8
Pattern	8
Home function	Yes
NETWORK	
LAN	RJ-45 (10/100Base-T)
Video compression type	H.265 (main profile), H.264 (baseline, main, high profile), MJPEG
Resolution	3840x2160, 3072x2048, 2592x1944/1520, 2560x1440, 1920x1080, 1440x1080, 1280x1024/720, 1024x768, 800x600/480, D1, 640x480, 400x240, CIF
Video bitrate	Quad stream (H.265x3 / H.264, MJPEGx1)
Smart Codec	Hi-stream
Bitrate control	Multi-streaming CVBR/VBR at H.265, H.264 (Controllable frame rate and bandwidth)
Frame rate	Up to 30fps at all resolutions
Streaming capability	Dual-stream at different rates and resolutions
IP	IPv4, IPv6
Protocol	TCP/IP, UDP, HTTP, HTTPS, GoS, FTP, UPnP, RTP, RTSP, RTCP, DHCP, ARP, Zeroconf, Bonjour
Security	Password authentication, multi-user authority, IP filtering, HTTPS (SSL)
Maximum user access	Live: 10 users, playback: 3 users
ONVIF conformance	Yes
Web viewer	OS: Windows®, MAC® OS, Linux® Browser: Internet Explorer®
Network time sync	NTP server, synchronized computer, manual
Software reset	Restart, reset, factory default
Remote upgrade	Backup and restore
ENVIRONMENTAL	
Operating temperature	-22°F - 131°F (-30°C - 55°C)
Operating humidity	0-90% RH (non-condensing)
IK rating	IK-10 impact
IP rating	IP66-rated
Other certifications	CE, FCC, RoHS
ELECTRICAL	
Power requirement	PoE (UPoE, Class 4), DC 12V
Power consumption	PoE: 28W, 500mA DC 12V: 28W, 2.3A
MECHANICAL	
Material	Aluminum PTZ, polycarbonate dome
Dimensions	7.94" x 12.51" (201.8 x 317.8 mm)
Weight	Approx. 11.24 lbs (5.1 kg)