



Summary

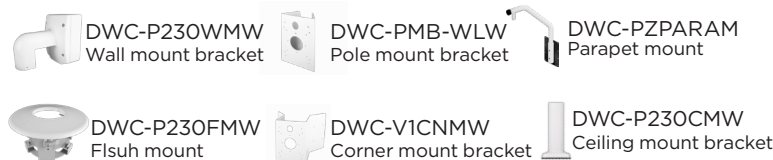
This MEGAPIX® 30x PTZ camera is NDA A-compliant and delivers crystal-clear 2.1MP/1080p resolution at real-time 30fps. The camera features 30x optical zoom, Star-Light Plus™ color in near-total darkness technology, true WDR and Smart IR™ for quality video in any lighting condition, simultaneous H.265/H.264/MJPEG codec support. The IP66- and IK10-rated vandal PTZ housing requires a wall mount, ceiling mount or flush mount, sold separately, to complete the camera's installation.

Features

- 2.1MP/1080p 1/3" image sensor at real-time 30fps
- Star-Light Plus™ color in near-total darkness technology
- 4.3-129mm motorized zoom PTZ lens
- 30x optical zoom
- True wide dynamic range (WDR)
- Multiple codecs (H.265, H.264, MJPEG) with simultaneous dual-stream
- Smart DNR™ 3D digital noise reduction
- True day/night with mechanical IR cut filter
- Digital Image Stabilizer (DIS)
- Programmable privacy zones
- Backlight Compensation (BLC)
- Auto white balance (AWB)
- Motion detection / Two-way audio
- Pan 0-360° endless, 360° per second pan speed
- Vector drive technology – pan/tilt motion in the shortest path
- 255 preset positions / 10 tours
- Micro SD/SDHC/SDXC class 10 card slot (card not included)
- Alarm sensor input / Relay output
- Web server built-in
- PoE injector included / PoE class5, DC24V and AC24V
- NDA A compliant
- UL listed
- IP66 environmental-rated dust-tight and water-resistant
- IK 10-rated impact-resistant

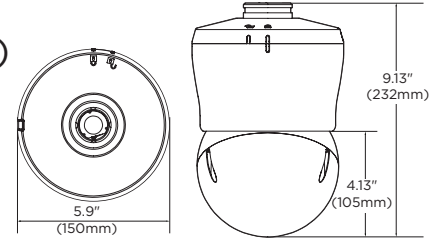


Mounting Accessories (Required. Sold Separately.)



Dimensions

Unit: Inch (mm)



Specifications



IMAGE	
Image sensor	1/3" 2.55M CMOS
Total pixels	1981(H) X 1288(V)
Minimum scene illumination	0.05 lux (color) 0 lux (B/W)
Test video output	1 CVBS 1.0V p-p (75ohm)
LENS	
Focal length	4.3-129mm, F1.6-F4.7
Lens type	Vari-focal lens with motorized zoom and auto-focus
IR distance	200ft range
Angle of view	65.1°-2.34°
Digital zoom	30x optical zoom
I/O	
Audio input/output	1 input/1 output
Audio compression	G.711
Alarm input/output	1 input/1 output
Event triggers	Motion alarm, network disconnect, temperature anomaly
OPERATIONAL	
Shutter mode	Auto, manual, slow shutter
Shutter speed	1/8 - 1/30,000
Slow shutter speed	x2, x4
Backlight	Yes
De-fog	Yes
Wide dynamic range (WDR)	True WDR, 120dB
Digital image stabilizer (DIS)	Yes
Smart DNR™ 3D digital noise reduction	3D DNR
White balance	Auto
Day and night	Auto, day (color), night (B/W)
Mirror/flip	Yes
Privacy zones	16 programmable privacy masks
Motion detection	4 programmable motion zones
Memory slot	Micro SD / SDHC / SDXC card (not included)
Event buffering	Pre-event: 1seconds - 5 seconds Post-event: 240seconds
Alarm notifications	Notifications via email, FTP server, alarm output activation or SD card recording
PTZ FUNCTION	
Pan range	360° endless
Pan speed	Max 360°/1sec
Tilt range	5-90°
Tilt speed	Max 360°/1sec
Preset	255
Tour	10
Home function	Yes (parking action)
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
Video bitrate	100Kbps - 10Mbps, multi-rate for preview and recording
Bitrate control	Multistreaming CBR/VBR at H.264, H.265 (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, AutoIP, RTP (UDP/TCP), RTSP, NTP, HTTP, HTTPS, SSL, DNS, DDNS, DHCP, FTP, SMTP, ICMP, SNMPv1/v2/v3 (MIB-2), ONVIF
Security	HTTPS (TLS), 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
ENVIRONMENTAL	
Operating temperature	-4°F - 122°F (-20°C - 50°C)
Operating humidity	10-90% RH (non-condensing)
IK rating	IK-10 impact-resistant
IP rating	IP66-rated
Other certifications	CE, FCC, RoHS, UL listed
ELECTRICAL	
Power requirement	PoE IEEE 802.3bt class5 (PoE injector included), DC24V, AC24V
Power consumption	DC24V: 40W, 1666mA AC24V: 35W, 1485mA PoE: 42W, 1750mA
MECHANICAL	
Material	Aluminum PTZ, polycarbonate dome
Dimensions	5.9" x 9.13" (150 x 232mm)
Weight	6.17 lbs (2.8 Kg)