STAR-LIGHT PLUS

H.265 H.264/MJPG **30fps**

NDAA/TAA COMPLIANT PRODUCT

Dimensions
Unit: Inch (mm)

8.26" (210mm)

3.61" (91.8mm)

4.5" (114.3mm)

1.76" (44.8mm)
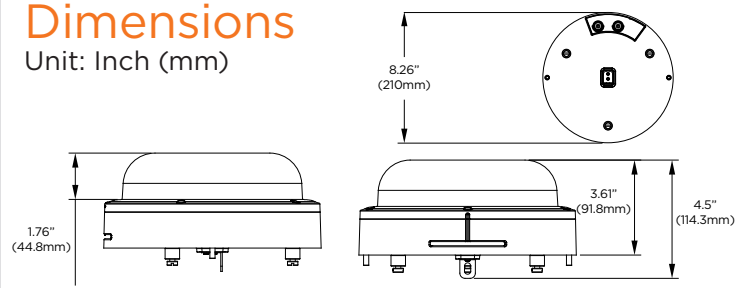
Summary

This NDAA/TAA-compliant MEGApix® 20MP multi-sensor configurable panoramic camera that reduces total system cost by providing four video streams in one housing and installation. The four (4) lens modules can be placed in five (5) positions on a magnetic track. A mounting access is sold separately and is needed to complete the camera's installation.

Features

- 4x 5MP sensors (20MP) at real-time 30fps
- Star-Light Plus™ color in near-total darkness technology
- 4x vari-focal p-iris lens with motorized zoom and autofocus for complete remote lens control and focused image any time
- 3-axis gimbal for wide range lens positioning
- 360° and 180° flexible panoramic view IP camera
- Four cameras in one installation
- Flexible sensor positioning on a magnetic base
- True Wide Dynamic Range (WDR) for clear images in challenging light
- Simultaneous streaming and multiple codec options for smart bandwidth management
- Smart DNR™ 3D digital noise reduction reduces noise and ghosting for motion in low-light environments.
- Two-way audio for direct communication between the monitoring station and the camera's location
- Local SD card slot for local recording in case of network loss
- Alarm sensor input and relay output for access control integration
- Web server built-in for easy camera management from any browser
- High-power PoE and DC12V for single cable simplified installation (PoE injector included)
- NDAA/TAA compliant for federal and government projects
- IP67- and IK10-rated camera housing built to last
- 5 year warranty

ONVIF

Mounting accessories (Required. Sold separately.)

DWC-PV20FMW In-ceiling flush mount	**DWC-PV20JUNCW** Junction box
DWC- V1CNMW Corner mount	**DWC-PV20CMW** Ceiling mount bracket
DWC-PV20ADPW Tilting adapter for DWC-PZPARAM	**DWC-PMB-WLW** Pole mount
DWC-PV20WMW Wall mount bracket	**DWC-PZPARAMW2** Parapet mount (DWC-PV20ADPW required. Purchased separately)

Specifications

IMAGE	
Image sensor	4x 1/2.8" 5.14MP CMOS
Total pixels	4x 2592(H) x 1944(V)
Minimum scene illumination	0.05 lux (color)/ 0.1 lux (B/W)
Test video output	Local video output CVBS 1.0V p-p (75Ω), 4:3 aspect ratio
S/N ratio	50dB
Maximum resolution	20MP (4x 2592x1944)
LENS	
Focal length	4x 2.8 ~ 8.0mm, F1.6
Lens type	Vari-focal lens with motorized zoom and auto-focus
Field of view (HFoV/VFoV)	4x 51° ~ 93° HFoV/ 4x 39°-68° VFoV
I/O	
Audio in/out and compression	1 (1.0Vms, 3K ohm) input/1 output, G.711
Alarm in/out	1 input/1 output
OPERATIONAL	
Intelligent Video Analytics	Intrusion, line crossing, counting line, loitering, enter, exit, tamper, object removed, tailgating, direction, stopped, appear, disappear, object left, logical rules.*
	NOTE: object removed, tailgating, direction, stopped, appear, disappear, object left, and logical rules are available via IVA+ plugin update. For existing cameras, contact your DW sales representative for a complimentary update.
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 / night	Auto, day (color), night (B/W)
3D digital noise reduction	Smart DNR™ 3D-DNR
Wide dynamic range (WDR)	True WDR, 120dB
White balance	Auto
Mirror and flip	Yes
Privacy zone	16 programmable privacy masks
Alarm notifications	Email notifications, FTP, alarm output, SD card recording
Memory slot	Micro SD/SDHC/SDXC class 10 card (not included)
NETWORK	
LAN	RJ45 (10/100Base-T)
Video compression type	H.265, H.264, MJPEG
Resolution	4x H.265, H.264: 2592x1944, 2560x1440, 1920x1080, 704x576, 704x480, 640x480, 640x360, 352x288, 352x240.
	4x MJPEG: 1920x1080, 1280x720, 800x600, 768x432, 704x576, 704x480, 640x480, 640x360, 352x288, 352x240.
Frame rate	Up to 30fps at all resolutions
Video bitrate	100Kbps ~ 10Mbps, multi-rate for preview and recording
Bitrate control	Multistreaming CBR/VBR at H.265 (controllable frame rate and bandwidth)
Streaming capability	Dual-stream at different rates and resolutions
IP	IPv4
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®
Video management software	DW Spectrum
ENVIRONMENTAL	
Operating temperature	-4°F ~ 122°F (-20°C ~ 50°C)
Operating humidity	10~90% RH, (non-condensing)
IP/IK rating	IP67-rated / IK10 impact resistant
Other certifications	FCC, CE, ROHS, UL Listed, NDAA- and TAA-compliant
ELECTRICAL	
Power requirement	DC12V, PoE IEEE 802.3bt PoE+ class 5 (PoE injector included)
Power consumption	DC12V: max 28W, PoE: max 31W
MECHANICAL	
Material	Aluminum vandal housing, polycarbonate dome
Dimensions	8.26" x 3.61" Inch (210 x 91.8 mm)
Weight	4.18 lbs (1.9 kg)
Warranty	5 years warranty

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Built for Users.™