

**TAA**  
COMPLIANT PRODUCT  
**NDAA**  
COMPLIANT PRODUCT



**STAR-LIGHT PLUS**  
Color in Darkness Technology

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

**10MP** Resolution  
 Ai Analytics  
 2-in-1 Install  
 Star-Light Plus™  
 Hallway & Corner Views  
**5 YEAR** Warranty

## Summary

This NDAA- and TAA-compliant MEGAPIX Ai™ IP camera provides two 5MP channels at real-time 30fps with an Ai edge engine onboard one channel, placing the power of Ai deep learning object detection at your fingertips. The dual-sensor vandal dome camera offers two independently adjustable cameras in a single housing for a simplified installation. The camera features Star-Light Plus™ color in near-total darkness technology and 50ft range Smart IR™ for quality video in any lighting condition. All MEGAPIX cameras are ONVIF conformant, assuring their successful integration with any open platform solution on the market.

## Features

- 2x 5MP 1/2.8" image sensor at real-time 30fps
- Star-Light Plus™ color in near-total darkness technology
- Ai Deep Learning object detection on one channel
- Create up to 40 detection zones in the same camera
- Easy setup with no analytics calibration
- Seamless integration and control with DW Spectrum® IPVMS
- Reduce false alarms
- Increase your recording storage with logic rules and smart recording
- Dual-sensor vandal dome camera, two cameras in one installation
- 5MP 180° hallway and 90° corner panoramic view IP camera
- 2x 2.8mm fixed lens
- True Wide Dynamic Range (WDR)
- Triple codecs (H.265, H.264, MJPEG) with simultaneous streaming
- 60' Smart IR™ with intelligent camera sync and no IR reflection
- 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
- Two-way audio
- Micro SD/SDHC/SDXC class 10 card slot (card not included)
- Alarm sensor input
- Relay output
- Web server built-in
- PoE class 3 and DC12V
- ONVIF conformant, profile S
- UL-listed
- NDAA/TAA compliant
- IP67 dust-tight and waterproof to 3 feet
- IK 10-rated impact-resistant
- 5 year warranty



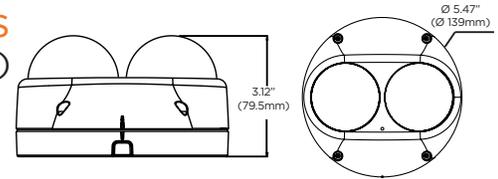
## Mounting accessories



10MP dual-sensor vandal dome IP camera with Ai and color in near-total darkness  
**DWC-PDS10Wi28A**

## Dimensions

Unit: Inch (mm)



## Specifications



IMAGE	
Image sensor	1/2.8" 5.69M CMOS (x2)
Total pixels	2704(H) X 2104(V) (x2)
Active pixels	2592(H) X 1944(V) (x2)
Minimum scene illumination	0.13 lux (color) 0 lux (B/W)
S/N ratio	50dB
Test monitor video output	Local video output CVBS 1.0V p-p (75Ω), 4:3 aspect ratio
LENS	
Focal length	2.8mm, F1.8 (x2)
Lens type	Fixed lens
Horizontal Field of view (HFOV)	102.4° (x2)
Vertical Field of view (VFOV)	77.4° (x2)
IR distance	60ft
I/O	
Audio input/output	1 microphone built-in/1 output
Audio compression	G.711
Alarm input/output	1 input/1 output
Event trigger	Motion alarm, network loss, temperature anomaly, illegal login, schedule, sensor detection
Pre- and Post-Alarm	pre-alarm: 1 - 0-5 pos-alarm: 1 - 240
INTELLIGENT VIDEO ANALYTICS (AVAILABLE ON ONE CHANNEL)	
Deep learning analytics	Deep Learning object tracking
Analytics filters	Zones and lines, tamper, metadata, intrusion, line crossing, counting, counting lines, appear, disappear, stopped, enter, exit, direction, tailgating, dwell, logical rules
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	TDN, Auto, day (color), night (B/W)
Digital Noise Reduction (DNR)	Smart DNR™ 3D DNR
Wide Dynamic Range (WDR)	True WDR
Wide Dynamic Range (WDR) dB	120dB
White balance	Yes
Privacy zones	16 programmable privacy masks
Mirror and flip	Yes
Alarm notifications	Notifications via email, FTP, alarm output and 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	H.265 (x2): 2592x1944, 2560x1440, 1920x1080, 1280x720, 640x480, 640x360, 352x288, 352x240 H.264 (x2): 2592x1944, 2560x1440, 1920x1080, 1280x720, 640x480, 640x360, 352x288, 352x240 MJPEG (x2): 280x720, 800x600, 768x432, 704x576, 704x480, 640x480, 640x360, 352x288, 352x240
Frame rate	Up to 30fps at all resolutions
Video bitrate	100Kbps - 25Mbps, multi-rate for preview and recording
Bitrate control	Multi-streaming 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, Auto IP, 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
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 and IK rating	IP67-rated, IK10-rated
Other certifications	FCC, CE, ROHS, LU-listed, NDAA, TAA
ELECTRICAL	
Power requirement	DC12V, PoE IEEE 802.3af Class3 (Adapter not included)
Power consumption	12V DC: 9.9W, 826mA, PoE: 11.6W, 241mA
MECHANICAL	
Material	Aluminum vandal housing, polycarbonate domes
Dimensions	5.47" x 3.12" (139 x 79.5mm)
Weight	1.49 lbs (0.68 kg)
Warranty	5 year warranty



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