



Vari-Focal Lens



2.1

Megapixel



2.7-13.5mm
Vari-Focal Lens



Triple Codecs



Smart IR™



IP66 Rated

5 YEAR

Warranty

Summary

This MEGAPIX® IP camera is NDAA/TAA compliant and provides 2.1MP/1080p resolution at real-time 30fps. It includes a vari-focal 2.7-13.5mm lens and simultaneous H.265/H.264/MJPEG codec support. The IP66-rated, IK-10 impact resistant vandal housing features CleanView™ self-cleaning dome treatment. All MEGAPIX® cameras are ONVIF conformant, assuring their successful integration with any open platform solution on the market.

Features

- 2.1MP/1080p 1/2.9" image sensor at real-time 30fps
- 2.7-13.5mm vari-focal lens
- Triple codecs (H.265, H.264, MJPEG) with simultaneous streaming
- 100' Smart IR™ with intelligent camera sync.
- CleanView™ hydrophobic dome coating repels water, dust and grease
- Smart DNR™ 3D digital noise reduction
- True day/night mechanical IR cut filter
- Digital Wide Dynamic Range (D-WDR)
- Programmable privacy zones
- Auto gain control (AGC)
- Backlight compensation (BLC)
- Auto white balance (AWB)
- Motion detection
- Web server built-in
- PoE class 3 and DC12V
- Waterproof cabling
- UL listed
- ONVIF conformant, profile S
- NDAA/TAA compliant
- IP66 environmental-rated dust-tight and water-resistant
- IK10-rated impact resistant
- 5 year warranty



Accessories (optional)



DWC-VFZWM
Wall mount
bracket.



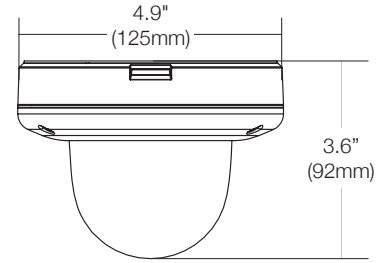
DWC-VFZJUNC
Junction box.



DWC-VFZCM
Ceiling mount
bracket.

Dimensions

unit: Inch (mm)



Specifications



| IMAGE | |
|---------------------------------------|--|
| Image sensor | 2.1MP/1080p 1/2.9" CMOS |
| Total pixels | 2001(H) X 1121(V) |
| Minimum scene illumination | 0.16 lux (color) 0.0 lux (B&W) |
| LENS | |
| Focal length | 2.7-13.5mm, F1.6 |
| Lens type | Vari-focal lens |
| Field of view (FoV) | 27° - 89.6° |
| IR distance | 100ft range |
| OPERATIONAL | |
| Shutter mode | Auto, manual, anti-flicker, slow shutter |
| Shutter speed | 1/15 - 1/32000 |
| Slow shutter | 2X, 3X, 5X, 6X, 7.5X, 10X |
| 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) | D-WDR |
| Privacy zone | 16 programmable privacy masks |
| Backlight Compensation (BLC) | Yes |
| Mirror & flip | Yes |
| Alarm notifications | Notifications via e-mail and FTP server recording |
| NETWORK | |
| LAN | RJ45(10/100Base-T) |
| Video compression type | H.265, H.264, MJPEG |
| Resolution | H.265: 2.1MP/1080p, 720p(main), CIF(sub) H.264: 2.1MP/1080p, 720p(main), CIF(sub) MJPEG: 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 |
| 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 |
| 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% (non-condensing) |
| IK rating | IK10 impact resistant |
| IP rating | IP66 certified |
| Other certifications | UL listed, CE, FCC, RoHS |
| ELECTRICAL | |
| Power requirement | DC 12V, PoE (IEEE 802.3af Class 3). (Adapter not included) |
| Power consumption | DC12V: max 4.3W PoE: max 6.2W |
| MECHANICAL | |
| Material | Aluminum vandal housing, polycarbonate dome |
| Dimensions | 4.9" x 3.6" (125 x 92 mm) |
| Weight | 1.12 lb (0.51kg) |
| Warranty | 5 year warranty |