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Megapixel
- Camera as a System
- No Server Required
- Up to 30 Cameras
- 2.8-12mm Auto Focus Lens
- 5 YEAR
Warranty

Summary

CaaS™ cameras are an all-in-one VIDEO SURVEILLANCE SYSTEM!
No server hardware is required.

MEGApiX® CaaS™ series IP cameras combine the cameras with the ease and power of DW Spectrum® IPVMS and on-board storage.

DW Spectrum® IPVMS server is installed and licensed.

Features

- 4MP 1/3" image sensor at real-time 30fps
- 2.8-12mm motorized zoom auto-focus p-iris lens
- DW Spectrum® IPVMS camera as a server
- Easily deploy with pre-loaded video management system (VMS) software on camera for out-of-the-box operation
- Automatic installation and licensing with first power on - Simply mount camera, connect and see your video
- Saves time and money with **no server hardware required**
- Connect up to 30 CaaS™ cameras simultaneously in a single system
- True Wide Dynamic Range (WDR)
- Dual recording option with Blackjack® NAS appliance
- Dual codecs (H.264, MJPEG) with simultaneous dual-stream
- 100' Smart IR™ with intelligent camera sync
- CleanView™ hydrophobic dome coating repels water, dust and grease
- Outdoor vandal dome
- 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
- Built-in 64GB or 128GB memory options
- Web server built-in
- PoE class 3 and DC12V
- Waterproof cabling
- ONVIF conformant, profile S
- IP66 environmental-rated dust-tight and water-resistant
- IK 10-rated impact-resistant
- 5 year warranty

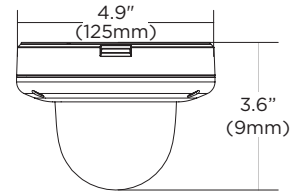


Accessories (Optional)

- DWC-VFZWM
Wall mount bracket.
- DWC-VFZJUNC
Junction box
- DWC-VFZCM
Ceiling mount bracket

Dimensions

unit: Inch (mm)



Specifications



Designed and engineered in U.S.A and Korea

| IMAGE | |
|---|---|
| Image sensor | 4MP 1/3" CMOS |
| Total pixels | 2688(H) x 1520(V) |
| Minimum scene illumination | 0.2 lux (color) 0.0 lux (B/W) |
| Video output | Local video output CVBS 1.0V p-p (75Ω) 4:3 aspect ratio |
| Resolution | 4MP (2560 x 1440) |
| LENS | |
| Focal length | 2.8-12mm, F1.4 |
| Lens type | Motorized zoom auto-focus p-iris lens |
| Field of view (FoV) | 87° - 32° |
| IR distance | 100ft range IR |
| Optical zoom | x4.2 optical zoom |
| OPERATIONAL | |
| Shutter mode | Auto, manual, anti-flicker, slow shutter |
| Shutter speed | 1/30-1/32000 |
| Slow shutter | 1-1/5, 1/7.5, 1/10 |
| Auto gain control | Auto |
| Day and night | Auto, day (Color), night (B/W) |
| Smart DNR™ 3D digital noise reduction | 0-11 |
| Wide dynamic range (WDR) | True WDR (WDR) Off, WDR2x, WDR3X |
| Wide dynamic range (WDR) dB | 120dB |
| Privacy zone | 16 programmable privacy masks |
| Alarm notifications | Notifications via e-mail, FTP server or SD card recording |
| NETWORK | |
| LAN | 802.3 compliance 10/100 LAN |
| Video compression type | H.264, MJPEG |
| Resolution | H.264: 1440p/1080p/720p/VGA/D1/CIF MJPEG: 1280x720/800x600/VGA/768x432/D1/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 (Controllable frame rate and bandwidth) |
| Streaming capability | Dual-stream at different rates and resolutions |
| Ip | IPv4 |
| Protocol | Zero config(Auto IP), ONVIF, TCP/IP, UDP, RTP(UDP/TCP), RTSP, NTP, HTTP, HTTPS, SSL, DNS, DDNS, DHCP, FTP, SMTP, ICMP, SNMPv1/v2c/v3(MIB-2) |
| Security | HTTPS(SSL), IP filtering, 802.1x, digest authentication(ID/PW) |
| Maximum user access | 5 users |
| ONVIF conformance | Yes |
| Web viewer | OS: Windows®, Mac® OS, Linux® Browser: Internet Explorer®, Google Chrome®, Mozilla Firefox®, Safari® |
| Video management software | DW Spectrum® IPVMS |
| Number of DW Spectrum® IPVMS licenses included | 1 DW Spectrum® license |
| Local server recording | DWC-MV84WiAC6: 64GB local memory for recording DWC-MV84WiAC1: 128GB local memory for recording |
| Max. number of CaaS™ cameras in the same network/system | Up to 30 MEGApiX® CaaS™ cameras in the same network/system |
| ENVIRONMENTAL | |
| Operating temperature | -4°F - 122°F (-20°C - 50°C) |
| Operating humidity | 10-90% RH (non-condensing) |
| IP rating | IP66 certified |
| IK rating | IK10 rated impact resistant |
| Other certifications | CE, FCC, RoHS, UL listed |
| ELECTRICAL | |
| Power requirement | DC12V, PoE (IEEE 802.3af Class 3). Adaptor not included. |
| Power consumption | DC12V: Max 7.1W PoE: Max 9.2W |
| MECHANICAL | |
| Material | aluminum vandal housing, polycarbonate dome |
| Dimensions | 4.9" x 3.6" (125 x 92 mm) |
| Weight | 1.87 lb (0.85kg) |

