**Summary**

This MEGApix® IP camera provides 5MP resolution at real-time 30fps. It includes a 2.7-13.5mm vari-focal auto-focus lens with motorized zoom, simultaneous H.265/H.264/MJPEG codec support and Star-Light Plus™ color in near-total darkness technology for quality video in any lighting condition. 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**

- 5MP 1/2.8” image sensor at real-time 30fps
- Star-Light Plus™ color in near-total darkness technology
- 2.7-13.5mm vari-focal p-iris lens with motorized zoom and auto-focus
- True Wide Dynamic Range (WDR)
- 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 with mechanical IR cut filter
- Programmable privacy zones
- Auto gain control (AGC)
- Backlight compensation (BLC)
- Auto white balance (AWB)
- Motion detection
- Two-way audio
- Micro SD/SDHC/SDXC class 10 card slot (card not included)
- Alarm input
- Relay output
- Web server built-in
- PoE class 3 and DC12V
- ONVIF conformant, profile S
- 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.

**Specifications**

**IMAGE**

- Image sensor: 5MP 1/2.8” CMOS
- Total pixels: 2592(H) X 1944(V)
- Minimum scene illumination: 0.08 lux (color)
- Video output: Local video output CVBS 1.0V p-p (75Ω)
- Aspect ratio: 4:3

**LENS**

- Focal length: 2.7-13.5mm, F1.4
- Field of view (FoV): 85° ~ 31°
- IR distance: 100’ Smart IR™
- Optical zoom / digital zoom: x5 optical zoom

**OPERATIONAL**

- Audio in/out: 1/1
- Audio compression: G.711
- Alarm in/out: 1/1
- Audio input: G.711

**ELECTRICAL**

- Power requirement: DC 12V, PoE (IEEE 802.3af Class 3).
- Power consumption: DC12V: max4.7W, PoE: max4.2W
- Total pixels: H.265: 2592x1944, 2304x1296, 2.1MP/1080p
- Operating temperature: -4°F ~ 122°F (-20°C ~ 50°C)
- Dimensions: 4.9” x 3.6” (125 x 92 mm)
- Weight: 1.12 lb (0.51kg)
- Warranty: 5 year warranty

**FILTERS**

- Auto, manual, anti-flicker, slow shutter
- Shutter speed: 1/15 ~ 1/32000
- Shutter mode: Auto
- Day and night: Auto, manual, anti-flicker, slow shutter
- Backlight Compensation (BLC): Yes
- Mirror and flip: Yes
- Alarm notifications: yes
- Memory Slot: Micro SD / SDHC / SDXC (card not included)

**WEB SERVER**

- Protocol: TCP/IP, UDP, AutoIP, RTP/UDP/TCP, RTSP, NTP, HTTP, HTTPS, SSL, DNS, DDNS, DHCP / FTP, SMTP, ICMP, SNMPV1/V2/S/MIB-2, ONVIF
- Onvif conformance: Yes
- Web viewer: Browser: Internet Explorer®, Google Chrome®, Mozilla Firefox®, Safari®
- Video management software: DW Spectrum® IVMS
- Operating temperature: -4°F ~ 122°F (-20°C ~ 50°C)
- Operating humidity: 10~90% RH (non-condensing)
- IK rating: IK10 impact resistant
- IP rating: IP66 certified
- Other certifications: CE, FCC, RoHS

**WARRANTY**

- 5 year warranty

**Rev Date: 11/19**

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