DIGITAL WATCHDOG®
Complete Surveillance Solutions

MEGAPIX®

3MP Outdoor Dome Camera as a System
DWCS-VF35W28-64

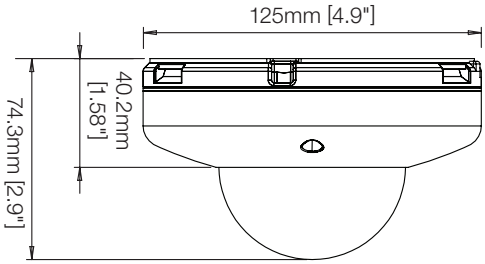
DWCS-VF35W28-64

CAAS+ CAMERA AS A SYSTEM™

3.0 Megapixel | CaaS | 2.8mm Fixed Lens | Micro SD Card | Smart DNR™ | True Day/Night | IP66 Rated

Dimensions (unit : mm [inch])

5 Year Warranty



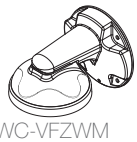
Summary

DW's new MEGApix® CaaS Plus™ camera is a multi-hybrid camera that functions both as a camera and recorder, with no need for a dedicated server. In addition, the camera supports running two software simultaneously, allowing it to run DW Spectrum Edge™ in conjunction with an approved analytical software for advanced video intelligence capabilities. The camera's micro SD card interface allows you to record up to 128GB of video locally, adding another layer of data security to your camera. The MEGApix® CaaS Plus™ camera is simple to install, maintain and adjust to any application.

Features

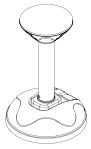
- 1/3" 3.0 Megapixel CMOS Image Sensor (3.0MP, 30fps)
- Digital Wide Dynamic Range (DWDR)
- DW Spectrum™ VMS Edge Storage and Management
- 64GB Class 10 Micro SD card included
- Run DW Spectrum Edge Simultaneously with Additional Analytics Software
- Web Server Built-in
- Smart DNR™ 3D Digital Noise Reduction
- Network Failover and Redundancy
- Micro SD/SDHC Class 10 Card Slot up to 128GB (64GB Card Included)
- True Day/Night with Mechanical IR Cut Filter
- Auto Gain Control (AGC)
- Backlight Compensation (BLC)
- Auto White Balance (AWB)
- Motion Detection
- Power over Ethernet (PoE) & DC12V
- ONVIF Compliant, Profile S
- Compact Size for Discrete Installations
- Dual Codecs (H.264, MJPEG) with Simultaneous Multi-Stream
- IP66 Certified (Weather Resistant)

Accessories (Optional)



DWC-VFZWM
Wall Mount for Surface Mount Outdoor Domes and PTZ5X Models

DWC-VFZJUNC
Junction Box for Surface Mount Outdoor Domes and PTZ5X Models



DWC-VFZCM
Ceiling Mount for Surface Mount Outdoor Domes and PTZ5X Models

Specifications

ONVIF

IMAGE	
Image Sensor	1/3" 3.0MP CMOS Sensor
Total Pixels	2304 (H) x 1536 (V) 1.55µm
Minimum Scene Illumination	F1.4 (30IRE): 0.5 Lux [Color]
	F1.4 (30IRE): 0.001 Lux [B&W]
LENS	
Focal Length	2.8mm, F1.4
Lens Type	Fixed Lens
Horizontal Angle	103°
OPERATIONAL	
Brightness	-255 ~ 255 (Default Value: 0)
Shutter Mode	Auto, Manual
Shutter Speed	1/7.5, 1/15, 1/25, 1/30, 1/50, 1/60, 1/100, 1/120, 1/240, 1/480, 1/960, 1/1024, 1/8000, 1/16000, 1/32000 sec
Digital Slow Shutter	Off, 2x, 4x
Auto Gain Control (AGC)	Max 41dB
Auto White Balance (AWB)	Auto / Indoor / Outdoor / Manual
Digital Noise Reduction (DNR)	Off, Low, Middle, High
Backlight Compensation (BLC)	On, Off (Default Value: Off)
Digital Wide Dynamic Range (DWDR)	Auto, Off (Default Value: Auto)
Day and Night	Auto, Day, Night
Hue	-15 ~ 15 (Default Value: 0)
Saturation	0 ~ 255 (Default Value: 64)
Sharpness	0 ~ 10 (Default Value: 6)
Mirror and Flip	Yes
NETWORK	
LAN	802.3 Compliance 10/100baseT LAN
Video Compression Type	H.264, MJPEG
Resolution	2304x1536, 1920x1080, 1280x720
Frame Rate	3.0MP at 30fps, 2.1MP at 60fps, 1152x648p at 120
Streaming Capability	Multi Streaming CBR/VBR (Controllable Frame Rate and Bandwidth)
IP	IPv4, IPv6
Protocol	ONVIF, TCP/UDP, RTSP/HTTP/HTTPS/FTP
Maximum User Access	2 Users
ONVIF Conformance	ONVIF Profile S
Web Viewer	OS: Windows XP / Vista / 7 / 8, MAC OS
	Browser: Internet Explorer, Chrome, Firefox, Safari
Video Management Software	DW Spectrum™, ONSSI, Milestone, Genetec
Memory Slot	Micro Memory Card (64GB Class 10 card is included)
ENVIRONMENTAL	
Operating Temperature	-20°C ~ 45°C (-4°F ~ 113°F)
Operating Humidity	Less than 90% (Non-Condensing)
IP Rating	IP66 (Weather Resistant)
Other Certifications	FCC, CE, ROHS
ELECTRICAL	
Power Requirements	DC 12V, PoE (IEEE802.3af Class 0 / Undefined)
Power Consumption	DC12V: 3.96W, 330mA PoE: Up to 4W
MECHANICAL	
Material	Aluminum Die-casting
Dimensions	Ø 125 x 74.3 mm (Ø 4.9 x 2.9 inch)
Weight	700 g (1.5 lbs)

*Specifications subject to change without notice.

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