

CaaS[™]
CAMERA AS A SYSTEM



DWCA-C128-64



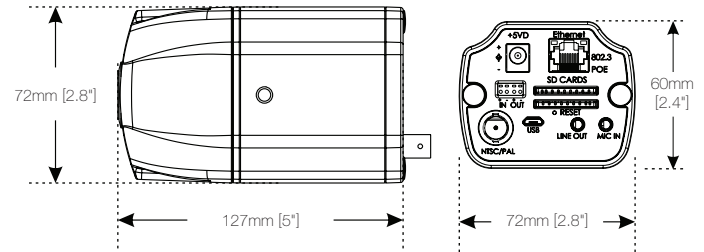
Summary

Digital Watchdog's new MEGApiX[®] CaaS[™] cameras, powered by DW Spectrum IP VMS, function as both a camera and recorder, eliminating the need for a dedicated server. The full featured cameras offer real time 1080p resolution at 30fps, Digital Wide Dynamic Range, true Day/Night, 3D Digital Noise Reduction, Backlight Compensation and Auto Exposure. The cameras feature an SD/SDXC card interface for local storage, adding another layer of data security to your camera. A 64GB Class 10 SD card is included with every camera. MEGApiX[®] CaaS[™] cameras are easy to install, maintain and adjust for any application.

Features

- 1/3" 2.1 Megapixel CMOS image sensor (1080P, 30fps)
- Digital Wide Dynamic Range (DWDR)
- 3.0-10mm Integrated Motorized Auto Focus IR Lens
- 64GB Class 10 Micro SD card included
- Simultaneous Full Time Analog Output and IP Digital Multi-Streaming
- DW Spectrum[™] VMS Edge Storage and Management
- Web Server Built-in
- 3D Digital Noise Reduction (DNR)
- Network Fail-Over and Redundancy
- Dual SD/SDXC Class 10 Card Slots up to 512GB (64GB Card Included)
- True Day/Night with Mechanical IR Cut Filter
- Auto Gain Control (AGC)
- Backlight Compensation (BLC)
- Auto White Balance (AWB)
- Motion Detection
- Two-Way Audio with Microphone Built-in
- Alarm Sensor Input
- Relay Output
- Remote IR Configuration Interface
- Power over Ethernet (PoE) & DC5V
- Compatible with CS Mount Lens
- ONVIF Compliant, Profile S
- Dual Codecs (H.264, MJPEG) with Simultaneous Multi-Stream

Dimensions (unit : mm [inch])



Specifications



IMAGE	
Image Sensor	1/3" 2.1 Megapixel CMOS Image Sensor
Total Pixels	1920 (H) x 1080 (V)
Minimum Scene Illumination	F1.4 (30IRE): 0.05 Lux [Color] F1.4 (30IRE): 0.001 Lux [B&W]
AUDIO	
Compression and Sampling Rate	PCM 8k (48kHz 16bit), G.711 8k (48kHz)
Input / Output	1 Line In and 1 Line Out Mono, Microphone Built-In
OPERATIONAL	
Brightness	-255 ~ 255 (Default Value: 0)
Shutter Mode	1/30sec ~ 1/60000sec, 1/25sec ~ 1/60000sec
Anti-Flickering	50Hz, 60Hz, Advanced Exposure Settings (Default: 60Hz)
DNR (Active Noise Filter)	Off / Low / Medium / High
Auto Gain Control	26dB ~ 64dB (Default Value: 36dB)
BLC (Backlight Compensation)	On, Off (Default Value: Off)
Digital WDR (Wide Dynamic Range)	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 ~ 255 (Default Value: 128)
Mirror & Flip	Yes
Motion Detection	4 Motion Detection Zones Setup Separately
Sensor In / Out	1 Input / 1 Output Built-In
NETWORK	
LAN	802.3 Compliance 10/100baseT LAN
Video Compression Type	H.264, MJPEG
Resolution	1920 x 1080 ~ 160 x 90
Frame Rate	30fps at 1080P Resolution
Streaming Capability	Dual-Stream at Different Rates and Resolutions
IP	IPv4, IPv6
Protocol	TCP/IP, HTTP, HTTPS, DHCP, RTSP, UDP, FTP, NFS, SAMBA
Maximum User Access	8 Simultaneous Users
ONVIF Conformance	Yes
Web Viewer	OS: MAC OS X / Windows 7 & 8 Browser: Google Chrome, Mozilla Firefox, Safari & IE (Limited)
Video Management Software	DW Spectrum Edge
Memory Slot	Dual Onboard SDXC Card Slots (up to 512GB), 64GB Class 10 card is included
ENVIRONMENTAL	
Operating Temperature / Humidity	0°C ~ 50°C (32°F ~ 122°F)
Operating Humidity	Less than 90% (Non-Condensing)
Storage Temperature	-20°C ~ 60°C (-4°F ~ 140°F)
Other Certifications	CE, FCC, RoHS
ELECTRICAL	
Power Requirement	DC +5V, PoE (IEEE802.3af Class 2)
Power Consumption	3W, 600mA
MECHANICAL	
Material	Aluminum Housing
Dimensions	127 x 72 x 60 mm (5.0 x 2.8 x 2.4 inch)
Weight	0.607 lbs

*Specifications subject to change without notice.