

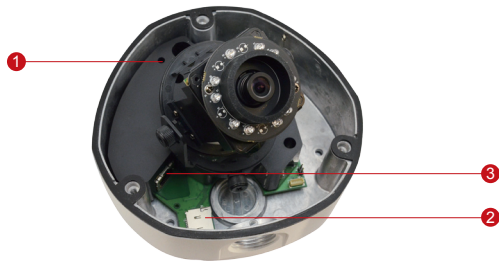
# D81

## 1MP Outdoor Dome with D/N, IR, Vari-focal Lens



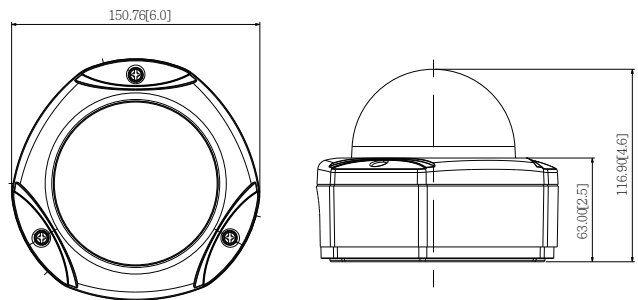
- 1 Megapixel with 720p
- Day & Night with IR LED
- Vari-focal Lens with f2.8-12mm / F1.4
- 30 fps at 1280 x 720
- Weatherproof (IP66) and Vandal Proof (IK10)

### PHOTO INDICATION




- 1 Reset Button
- 2 MicroSDHC/MicroSDXC Card Slot
- 3 Ethernet Port







### DIMENSION DIAGRAM



Unit: mm [inch]

### ACCESSORY OPTIONS

Dome Cover		
PDCX-1101		4-inch, smoke, vandal proof

Popular Mounting Solutions	
Surface	Accessories not required
Wall	PMAX-0308 
Pendant	PMAX-0101 + PMAX-0103 
Corner	PMAX-0101 + PMAX-0305 + PMAX-0402 
Pole	PMAX-0101 + PMAX-0305 + PMAX-0503 
Flush	PMAX-1003 
Gang Box	PMAX-0804 

\* For more mounting solutions, please refer to Project Planner on [www.acti.com](http://www.acti.com)

**PRODUCT SPECIFICATION****D81****• Device**

Device Type	Outdoor Dome Camera
Image Sensor	Progressive Scan CMOS
Sensor Size	1/4"
Day / Night	Yes
Superior Low Light Sensitivity	No
Minimum Illumination	Color: 0.1 lux at F2.0 (30 IRE, 2400°K); B/W: 0 lux (IR LED on)
Color to B/W switch	ISP based switch, configurable
Mechanical IR Cut Filter	Yes
IR Sensitivity Range	700~1100nm
IR LED	IR LED x 15 (850nm)
IR Working Distance	15 m (0 lux, 30 IRE, Gain 255, Auto shutter mode)
Electronic Shutter	1/5 ~ 1/2,000 sec (manual mode); 1/5 ~ 1/10,000 sec (auto mode)

**• Lens**

Focal Length / Aperture	Vari-focal, f2.8 - 12 mm / F1.4
Iris	Fixed iris
Focus	Manual focus
Mount Type	Board mount
Horizontal Viewing Angle	59.8° - 24.7°
Viewing Angle Adjustment	Pan: 0° - 350°; Tilt: 17° - 163°; Rotate: 0° - 350°

**• Video**

Compression	H.264 HP, MJPEG
Max. Frame Rate vs. Resolution	30 fps at 1280 x 720; 30 fps at 640 x 480; 15 fps at 320 x 240
Multi-Streaming	Simultaneous dual streams based on two configurations
Bit Rate	28 Kbps - 6 Mbps (per stream)
Bit Rate Mode	Constant, Variable
Image Enhancement	White balance: automatic, hold, and manual; Brightness; Contrast; Sharpness(auto); Auto gain control; Digital noise reduction; Flickerless
Privacy Mask	4 configurable regions
Text Overlay	User defined text on video
Image Orientation	Image flip and mirror

**• Network**

Protocol & Service	TCP, UDP, HTTP, HTTPS, DHCP, PPPoE, RTP, RTSP, IPv6, DNS, DDNS, NTP, ICMP, ARP, IGMP, SMTP, FTP, UPnP, SNMP, Bonjour
Ethernet Port	1, Ethernet (10/100 Base-T), RJ-45 connector
Security	IP address filtering; HTTPS encryption; Password protected user levels; Anonymous login; IEEE 802.1X network access control

**• Alarm**

Alarm Trigger	Video motion detection (3 regions)
Alarm Response	Notify control center; Change camera settings; Command other devices; E-mail notification with snapshots; Save video or snapshot to local storage; Upload video, Snapshot to FTP

**• Interface**

Local Storage	MicroSDHC/MicroSDXC memory card slot (card not included)
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**• General**

Power Source / Consumption	PoE Class 2 (IEEE802.3af) / 3.84 W (IR on)
Weight	1015 g (2.24 lb)
Dimensions (Ø x H)	150.76 mm x 116.9 mm (6" x 4.6")
Environmental Casing	Weatherproof (IP66 rated); Vandal proof (IK10 rated); Transparent dome cover
Mount Type	Surface, Pendant, Wall, Corner, Pole, Flush
Starting Temperature	-20°C ~ 50°C (-4°F ~ 122°F)
Operating Temperature	-40°C ~ 50°C (-40°F ~ 122°F)
Operating Humidity	10% ~ 85% RH
Approvals	CE (EN 55022 Class B, EN 55024), FCC (Part15 Subpart B Class B), IK10, IP66, NEMA 4X

**• Integration**

Unified Solution	Fully compatible with ACTi software
ISV Integration	Software Development Kit (SDK) available; ONVIF compliant
Firmware Access Browser	Microsoft Internet Explorer 8.0 or newer (full functionality); Other browsers with QuickTime installed (partial functionality)

\* All specifications are subject to change without notice.

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