

# E19

## 5MP f2.8mm Fixed Cube with WDR 142dB



- 5 Megapixel, f2.8mm Fixed Cube
- Super wide angle
- Event trigger, response and notification

### ► Specifications

#### Product Profile

Product Type	Fixed Cube
Application Environment	Indoor
Maximum Resolution	5MP
Image Sensor	Progressive Scan CMOS
Sensor Size	1/2.8 "
Effective Pixels	2592(H) X 1944(V) (5.04 MP)
Day / Night	No
Low Light Sensitivity	Superior
Minimum Illumination	Color: 0.003 lux
Mechanical IR Cut Filter	No
IR LED	No
Electronic Shutter	1/5-1/64000 second (manual mode); 1/5-1/64000 second (auto mode)
Horizontal Resolution (TV Lines)	1600 TVL
S/N Ratio	75 dB

<b>Lens</b>	
Focal Length	Fixed focal, f2.8mm
Aperture	F1.8
Iris	Fixed iris
Focus	Fixed focus
Lens Mount	CS Mount
Horizontal Viewing Angle	117.5°
Vertical Viewing Angle	69.8°

<b>Video</b>	
Compression	H.265 Adaptive Stream (equivalent to Zip or Smart Stream or H.265+), H.264 (Main profile), MJPEG
Maximum Frame Rate vs. Resolution	30 fps at 2592 x 1944 30 fps at 2048 x 1536 30 fps at 1920 x 1080 30 fps at 1280 x 960 30 fps at 1280 x 720 30 fps at 800 x 600 30 fps at 720 x 480 30 fps at 640 x 480
Bit Rate Mode	Constant, Variable
Multi-Streaming	Simultaneous triple streams
Digital Noise Reduction	2D + 3D DNR
Wide Dynamic Range	Extreme WDR (142 dB)
Image Orientation	Flip, Mirror, Rotation (Corridor mode)
Image Enhancement	White Balance, Brightness, Contrast, Sharpness, Automatic gain control (AGC), Flickerless, Digital Image Stabilizer (DIS, EIS)
Privacy Mask	4 configurable regions
Text Overlay	Yes
Built-in Analytics	Face Detection, People Counting, Temperature Detection, People Counting, Object Line Crossing Detection, Object Enter Area Detection, Object Exit Area Detection, Appear in Area

<b>Audio</b>	
Audio Type	2-way, Built-in Microphone, Line-out
Audio Compression	G.711 u-law

<b>Network</b>	
Network Protocol & Service	IPv4/v6, TCP, UDP, DHCP, PPPoE, HTTP, HTTPS, DNS, DDNS, NTP, RTP, RTSP, RTCP, SMTP, FTP, IGMP, ICMP, ARP, Bonjour, UPnP, QoS, SNMP
Ethernet Port	1 x RJ-45 connector
Security	IP address filtering, HTTPS encryption, Password protected user level, Anonymous login

<b>Event</b>	
Event Trigger	Video motion detection (3 regions), Sound detection, Tampering detection, Video loss
Event Response	Notify control center, Change camera settings, Command other devices, E-mail notification with snapshots, Play the audio file, Push notification to mobile device, Save video to storage, Upload video or snapshot to FTP server

**System**

Watchdog	Support
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**Integration**

Unified Solution	Fully compatible with ACTi software
GPS Position	Manual setting
Edge Recording	Support (integration with NVR by ONVIF Profile G or proprietary protocol)*
ONVIF Compliant	Yes, Profile S, Profile G, Profile T
Web Browser	IE 11, Google Chrome, Microsoft Edge, Apple Safari, Firefox
Auto Firmware Upgrade	Yes* (To be available through future firmware upgrade)

**Interface**

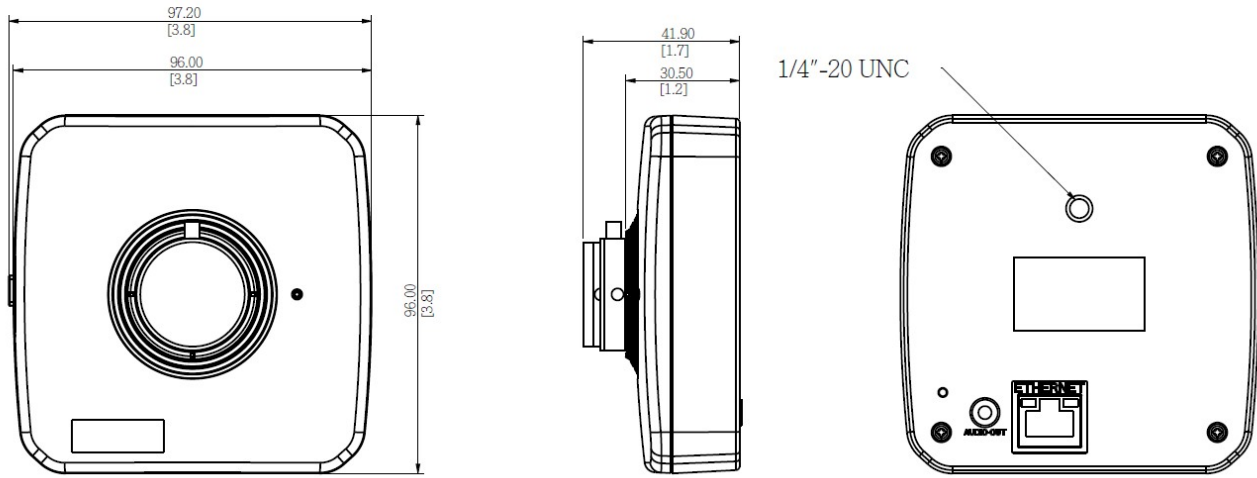
Operating Button	Reset Button
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**General**

Power Source	PoE Class 2 (IEEE802.3af)
Power Consumption	6.49 W (PoE)
Dimensions	(W x H x D): 96mm x 96mm x 45mm (3.8" x 3.8" x 1.8")
Bundled Accessories	Bracket
Mount Type	Ceiling Bracket
Starting Temperature	-10°C ~ 50°C (14°F ~ 122°F)
Operating Temperature	-20°C ~ 50°C (-4°F ~ 122°F)
Approvals	CE Class A, FCC Class A
Color	White
Real-time Clock (RTC)	Yes
Warranty	3 Year(s). For extended warranty offering, see <a href="http://www.acti.com/support/warranty">http://www.acti.com/support/warranty</a>

\* Edge Recording function is integrated with NVR 3 Corporate / NVR 3 Business / INR / GNR series.


## ► Dimension Diagram



Unit: mm [inch]

## ► Related Products

### Power Supply Accessories - PoE Injector

PPOE-0107  High PoE Injector IEEE 802.3at compliant, AC 100~240V, with universal connectors (for A416, A418, B913, B923, B934, Q450, Q75, VMGB-60X, Z37, Z71, Z952)

### Network & Storage Peripherals - Data Switch


PPSW-0102  PLANET FGSD-1011HP 8-Port 802.3at PoE Switch (PoE Budget 120W)

PPSW-0105  PLANET GS-4210-8P2C 8-Port Gigabit 802.3at Managed PoE Switch (PoE Budget 120W)

PPSW-1101  PLANET GS-4210-24PL4C 24-Port Gigabit 802.3at Managed PoE Switch (PoE Budget 440W)

PPSW-3100  PLANET FGSW-1816HPS 16-Port 802.3at PoE Switch (PoE Budget 220W)

### Extenders - PoE Extender

PPEX-0100  Veracity OUTREACH Max Power over Ethernet (PoE) Extender