

# E271

## 10MP with D/N, Basic WDR, Vari-focal Lens



- 10 Megapixel
- Day & Night
- Vari-focal Lens with f3.1-13.3mm/F1.4-F4.0, DC iris
- Basic WDR
- Super wide angle
- Event trigger, response and notification

### ► Specifications

#### Device

Product Type	Box
Maximum Resolution	10MP
Application Environment	Indoor/Outdoor
Image Sensor	Progressive Scan CMOS
Sensor Size	1/2.3 "
Effective Pixels	3856(H) X 2764(V) (10.66 MP)
Day / Night	Yes
Low Light Sensitivity	Standard
Minimum Illumination	Color: 0.1 lux at F1.4 (30 IRE , 2400 K); B/W: 0.05 lux at F1.4 (30 IRE, 2400 K)
Color to B/W Switch	ISP based switch, configurable
Mechanical IR Cut Filter	Yes
IR Sensitivity Range	700-1100nm
IR LED	No
Electronic Shutter	1/5-1/2000 second (manual mode); 1/5-1/10000 second (auto mode)
Horizontal Resolution (TV Lines)	1450 TVL

S/N Ratio	52 dB
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## Lens

Focal Length	Vari-focal, f3.1-13.3mm
Aperture	F1.4-F4.0
Iris	DC iris
Focus	Manual focus
Lens Mount	CS Mount (interchangeable lens)
Horizontal Viewing Angle	100.5° - 26.2°
Vertical Viewing Angle	75.8° - 20.1°

## Video

Compression	H.264 (Baseline/ Main/ High profile), MJPEG
Maximum Frame Rate vs. Resolution	7 fps at 3648 x 2736 7 fps at 3648 x 2160 7 fps at 2592 x 1944 7 fps at 2048 x 1536 30 fps at 1920 x 1080 30 fps at 1280 x 720 30 fps at 800 x 600 30 fps at 640 x 480 15 fps at 320 x 240
Multi-Streaming	Simultaneous dual streams based on two configurations
Bit Rate	28Kbps - 6Mbps (per stream)
Bit Rate Mode	Constant, Variable
Wide Dynamic Range	Basic WDR (70 dB)
Image Enhancement	White Balance, Brightness, Contrast, Sharpness, Automatic gain control, Flickerless
Digital Noise Reduction	DNR
Privacy Mask	4 configurable regions
Text Overlay	Yes
On-Screen Graphics	Yes
Server-based Analytics	Object Line Counting, People Counting, Face Detection, Object Based Motion Detection, Tamper, Object Line Crossing Detection, Object Enter Area Detection, Missing Object Detection, Unattended Object Detection, Smoke Detection, Heat Map, Dwell Time, People Queue Detection, (Require PC-based or standalone IVS or ALPR Server. Contact ACTi support for recommendations on how to maximize analytical accuracy)
Image Orientation	Flip, Mirror

## Audio

Audio Type	2-way, Line-in, Line-out
Audio Compression	8 kHz, 16 bit encoding, Mono, PCM, G.711

## Network

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, IEEE 802.1X
Ethernet Port	1 x RJ-45 connector
Security	IP address filtering, HTTPS encryption, Password protected user level, Anonymous login, IEEE 802.1X network access control

## Event

Event Trigger	Video motion detection (3 regions), External device through digital input, Sound detection,
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 local storage, Upload video or snapshot to FTP server, Upload video to NVR server, Activate external device through digital output

## Integration

Unified Solution	Fully compatible with ACTi software
Software Development Kit	Yes
GPS Position	Manual setting
ONVIF Compliant	Yes, Profile S, Profile G, Profile T, Profile Q
GB28181 Compliant	Yes
Web Browser	IE 11
Auto Firmware Upgrade	Yes

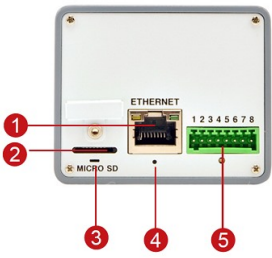
## Interface

Audio Interface	Terminal block
Auto Iris Connector	External connector for DC iris lens
Local Storage	MicroSDHC, MicroSDXC Memory Card Slot (card not included, up to 256GB, Kingston or Sandisk only)
Digital Input/Output	1/1
Operating Button	Reset Button

## General

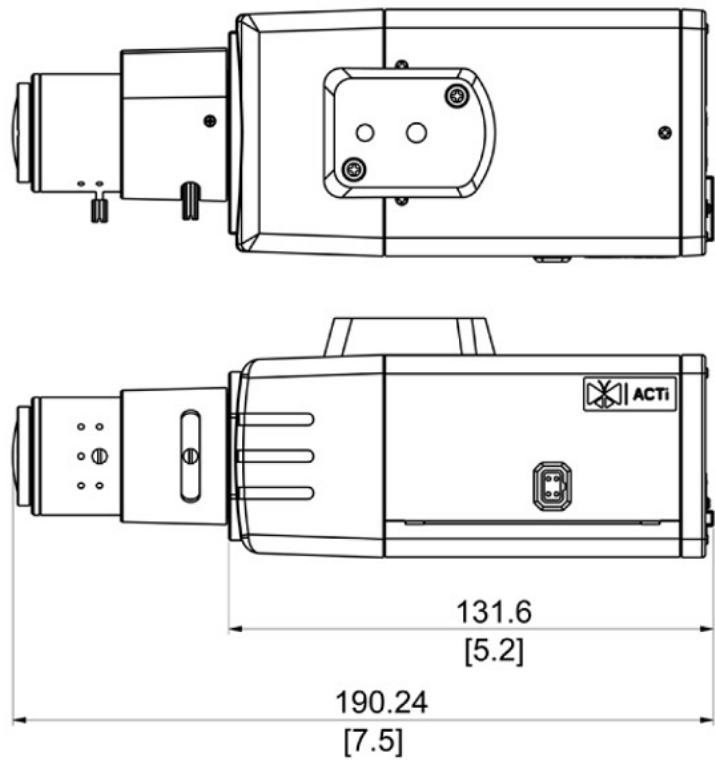
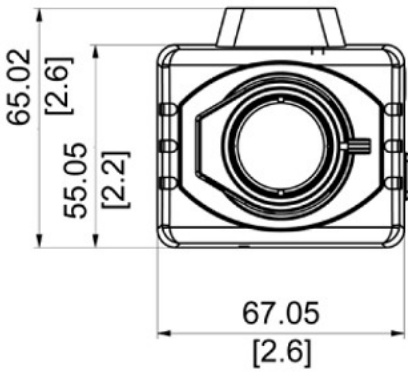
Power Source	PoE Class 2 (IEEE802.3af)
Power Consumption	4.32 W (PoE)
Weight	486g (1.071lb)
Dimensions	(W x H x D): 190mm x 67mm x 65mm (7.5" x 2.6" x 2.6")
Environmental Casing	Optional housing (IP66)
Mount Type	Bracket, Pole Mount, Corner Mount
Starting Temperature	-10°C ~ 50°C (14°F ~ 122°F)
Operating Temperature	-10°C ~ 50°C (14°F ~ 122°F)
Operating Humidity	10% - 85% RH
Approvals	CE Class B, FCC Class B, EAC, UL (for optional PoE injector)
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>

## ▶ Photo Indication



- 1 Ethernet Port
- 2 Memory Card Slot
- 3 Power LED
- 4 Reset Button
- 5 Audio Input / Output & Digital Input / Output
- 6 DC Iris Port






## ▶ Dimension Diagram



Unit: mm [inch]






## ► Related Products

### Mounting Accessories - Camera Mount


PMAX-0402		Corner Mount
PMAX-0503		Pole Mount (for PMAX-0102, PMAX-0312, PMAX-0313, PMAX-0314, PMAX-0702, PMAX-1106, PMAX-1107), supports 5.25" to 8.5" Poles
PMAX-1100		Bracket for Indoor Box Cameras
PMAX-1104		Bracket for Indoor Box Cameras (forA2x, D2x, E2x)
PMAX-1106		Bracket for Outdoor Box Cameras (KCM-5211E, KCM-5511, KCM-5611, Box Cameras with Outdoor Housing)

**Note:** Some mounting accessories may need additional accessories for installation. Please check [www.acti.com/mountingselector](http://www.acti.com/mountingselector) for more information.


### Enclosures - Box Camera Housing

PMAX-0200		Outdoor Housing with Heater and Fan (110V)
PMAX-0201		Outdoor Housing with Heater and Fan (220V)
PMAX-0202		Outdoor Housing
PMAX-0208		Explosion Proof Housing with Heater, Fan (AC 110V~220V) and Bracket
PMAX-0210		Stainless Steel Housing with Heater, Fan (AC 110V~220V) and Bracket

### Lenses - Vari-focal Lens


PLEN-2200		Vari-focal f3.1-13.3mm, DC Iris F1.4-4.0, Manual Focus, CS Mount Lens
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### Power Supply Accessories - PoE Injector

PPOE-0000		POE Injector IEEE 802.3af compliant, AC 100~240V, for US & Japan
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PPOE-0002		PoE Injector IEEE 802.3af compliant, AC 100~240V, with universal connectors
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### Network & Storage Peripherals - Data Switch

PPSW-0100		PLANET FGSD-910HP 8-Port 802.3at PoE Switch (PoE Budget 120W)
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PPSW-0102		PLANET FGSD-1011HP 8-Port 802.3at PoE Switch (PoE Budget 120W)
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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-2101  4-Port 802.3at PoE Switch (PoE Budget 62W)

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

### Extenders - PoE over Coaxial Extender Kit

PPOC-0100  Planet LRP-101C-KIT Power over Coax Adapter Kit


### Audio Devices - Microphone

PMIC-0100  Active Microphone Omnidirectional for all Cameras with Line-in Audio

### Illuminators - IR LED Illuminator

PLED-0200  SPINLUX (SL-A2IRXX10-24CL) IR Illuminator 10° Angle with 120 m approx. range


PLED-0201  SPINLUX (SL-A2IRXX25-24CL) IR Illuminator 25° Angle with 50 m approx. range

PLED-0202  SPINLUX (SL-A2IRXX35-24CL) IR Illuminator 35° Angle with 25 m approx. range

### Other Accessories - Accessory Part

R707-10000  Mounting Block (for D2x, E2x, B2x, I2x)

### Product Demo - Camera Demo Kit

PCDK-0001  Camera Demo Kit Rack Box (350 x 550 x 140 mm) for all cameras except Mini Domes