

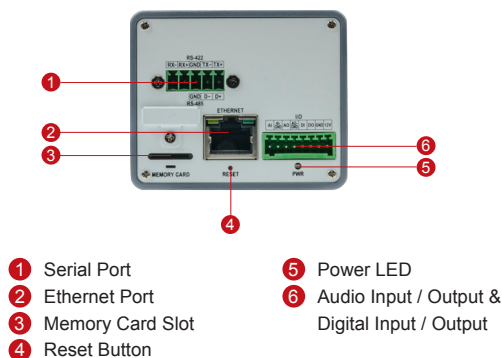
# E215

## 3MP Zoom Box with D/N, Superior WDR, 10x Zoom Lens

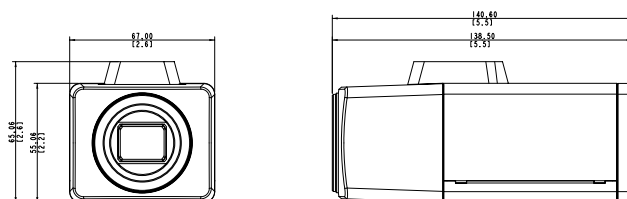


- 3 Megapixel with 1080p
- Day & Night
- 10x Zoom Lens with f4.9 - 49mm / F2.8 - 3.5, DC Iris, Auto Focus (for Installation)
- Superior WDR (110 dB)
- 30 fps at 1920 x 1080

### PHOTO INDICATION



### DIMENSION DIAGRAM



Unit: mm [inch]

### ACCESSORY OPTIONS

| Outdoor Housing & Bracket |  |                                                                                                      |
|---------------------------|--|------------------------------------------------------------------------------------------------------|
| PMAX-0200                 |  | IP66, with heater and fan powered by 110V AC, -30°C ~ 50°C (-22°F ~ 122°F), requires housing bracket |
| PMAX-0201                 |  | IP66, with heater and fan powered by 220V AC, -30°C ~ 50°C (-22°F ~ 122°F), requires housing bracket |
| PMAX-0202                 |  | IP66, -10°C ~ 50°C (14°F ~ 122°F), requires housing bracket                                          |
| PMAX-1106                 |  | Aluminum, max. load 10 kg (22.05 lb), tilt angle 90° (For PMAX-0200, PMAX-0201, PMAX-0202)           |

| Camera Bracket |  |                                                        |
|----------------|--|--------------------------------------------------------|
| PMAX-1104      |  | Ceiling bracket for indoor box or bullet cameras, gray |

#### Power Supply

|           |  |                                                                               |
|-----------|--|-------------------------------------------------------------------------------|
| PPOE-0001 |  | IEEE 802.3af PoE Injector for Class 1, 2 or 3 devices, with universal adapter |
|-----------|--|-------------------------------------------------------------------------------|

#### Popular Mounting Solutions

|        |                                     |  |
|--------|-------------------------------------|--|
| Corner | PMAX-0202<br>PMAX-1106<br>PMAX-0402 |  |
| Pole   | PMAX-0202<br>PMAX-1106<br>PMAX-0503 |  |

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

## PRODUCT SPECIFICATION

### E215

#### • Device

|                          |                                                                                 |
|--------------------------|---------------------------------------------------------------------------------|
| Device Type              | Zoom Box Camera                                                                 |
| Image Sensor             | Progressive Scan CMOS                                                           |
| Sensor Size              | 1/3"                                                                            |
| Effective Pixels         | 2048 (H) x 1536 (V) (3.15 MP)                                                   |
| Horizontal Resolution    | 1250 TVL                                                                        |
| Day / Night              | Yes                                                                             |
| Low Light Sensitivity    | Standard                                                                        |
| Minimum Illumination     | Color: 0.1 lux at F2.8 (30 IRE, 2400°K); B/W: 0.05 lux at F2.8 (30 IRE, 2400°K) |
| Color to B/W Switch      | ISP based switch; Configurable                                                  |
| Mechanical IR Cut Filter | Yes                                                                             |
| IR Sensitivity Range     | 700 - 1100 nm                                                                   |
| IR LED                   | No                                                                              |
| Electronic Shutter       | 1/5 ~ 1/2,000 sec (manual mode); 1/5 ~ 1/10,000 sec (auto mode)                 |
| S/N Ratio                | 52 dB                                                                           |

#### • Lens

|                          |                                      |
|--------------------------|--------------------------------------|
| Focal Length / Aperture  | Zoom, f4.9 - 49mm / F2.8 - 3.5       |
| Zoom Ratio / Speed       | 10x optical / 3.3 sec (wide to tele) |
| Zoom Application         | Camera installation                  |
| Iris                     | Adaptive iris                        |
| Focus                    | Auto focus                           |
| Lens Mount               | Board mount                          |
| Horizontal Viewing Angle | 51.6° ~ 6.2°                         |

#### • Video

|                                |                                                                                                                                                                         |
|--------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Compression                    | H.264 (Baseline / Main / High profile), MJPEG                                                                                                                           |
| Max. Frame Rate vs. Resolution | 20 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                       | 28 Kbps - 6 Mbps (per stream)                                                                                                                                           |
| Bit Rate Mode                  | Constant, Variable                                                                                                                                                      |
| Image Enhancement              | Superior WDR (110 dB); White balance: automatic, hold and manual; Brightness; Contrast; Sharpness (auto); Auto gain control; 2D+3D digital noise reduction; Flickerless |
| Privacy Masks                  | 4 regions                                                                                                                                                               |
| Text Overlay                   | User defined text on video                                                                                                                                              |
| Image Orientation              | Image flip and mirror                                                                                                                                                   |

#### • Audio

|             |                                          |
|-------------|------------------------------------------|
| Compression | 8kHz, Mono, PCM, 16 bit encoding; G. 711 |
| Audio-In    | Terminal block                           |
| Audio-Out   | Terminal block                           |

#### • Network

|                    |                                                                                                                                                          |
|--------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------|
| Protocol & Service | TCP, UDP, HTTP, HTTPS, DHCP, PPPoE, RTP, RTSP, IPv4, IPv6, DNS, DDNS, NTP, ICMP, ARP, IGMP, SMTP, FTP, UPnP, SNMP, Bonjour, Sony VISCA, Pelco D, Pelco P |
| 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); External device through digital input; Sound detection                                                                                                                                               |
| Alarm Response | Notify control center; Change camera settings; Command other devices; E-mail notification with snapshots; Save video or snapshot to local storage; Save video or snapshot to FTP server; Activate external device through digital output |

#### • Interface

|                |                                                          |
|----------------|----------------------------------------------------------|
| Digital Input  | 1, Terminal block                                        |
| Digital Output | 1, Terminal block                                        |
| Serial Port    | 1, RS-485/RS-422, Terminal block                         |
| Local Storage  | MicroSDHC/MicroSDXC memory card slot (card not included) |

#### • General

|                            |                                                                                                 |
|----------------------------|-------------------------------------------------------------------------------------------------|
| Power Source / Consumption | PoE Class 2 (IEEE802.3af) / 6 W                                                                 |
| Weight                     | 363 g (0.8 lb)                                                                                  |
| Dimensions (W x H x D)     | 67 mm x 65 mm x 140 mm (2.6" x 2.5" x 5.6")                                                     |
| Environmental Casing       | Optional housing (IP 66 rated)                                                                  |
| Mount Type                 | Wall, Ceiling, Corner, Pole                                                                     |
| Starting Temperature       | -10°C ~ 50°C (14°F ~ 122°F) within 30 minutes                                                   |
| Operating Temperature      | -10°C ~ 50°C (14°F ~ 122°F)                                                                     |
| Operating Humidity         | 10% ~ 85% RH                                                                                    |
| Approvals                  | CE (EN 55022 Class B, EN 55024), FCC (Part15 Subpart B Class B), UL (for optional PoE injector) |

#### • Integration

|                         |                                                                                                                                                                 |
|-------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Unified Solution        | Fully compatible with ACTi software                                                                                                                             |
| ISV Integration         | Software Development Kit (SDK) available, ONVIF compliant                                                                                                       |
| GPS Position            | Manual setting                                                                                                                                                  |
| Firmware Access Browser | Microsoft Internet Explorer 8.0 or newer (full functionality)<br>Safari with QuickTime installed, and other browsers with VLC installed (partial functionality) |

\* All specifications are subject to change without notice.

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