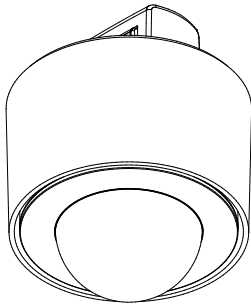# Camera

The Node Camera is a recessed-mount fixed mini dome camera.
The Camera has been designed to be visually consistent with the Node product range.



## Product Features

- Two resolutions available: HDTV 1080p/2 MP or 3MP video in full frame rate
- Easy to install
- 3-axis camera angle adjustment
- Available in various finishes

# Specifications

|  | Diameter | Height | Protrusion |
|---|---|---|---|
| **Recessed Channel** | 90mm/3.54 in. | 87mm/3.42 in. | 26mm/1.02 in. |
| **Trimless Mount** | 90mm/3.54 in. | 87mm/3.42 in. | 26mm/1.02 in. |
| **Flush Channel** | 90mm/3.54 in. | 87mm/3.42 in. | 26mm/1.02 in. |

## General

- Memory: 512MB RAM, 512 MB Flash
- Storage: microSD
- Operating Temperature: 0°C to 40°C (32°F to 104°F)
- Humidity: 15-85% RH
- Weight: .51kg [1.12 lbs]

## Camera Angle Adjustment

- Pan: ±105°
- Tilt: ±85°
- Rotate: ±175°

| Resolution Type | 2 Megapixel | 3 Megapixel |
|---|---|---|
| Image Sensor | Fixed focus, fixed iris<br>1/3" progressive scan RGB CMOS | Fixed focus, fixed iris<br>1/3" progressive scan RGB CMOS |
| Lens | 2.8 mm, F2.0<br>Horizontal field of view: 106°<br>Vertical field of view: 59° | 1.8 mm, F2.4<br>4:3 aspect ratio: Horizontal field of view: 132°, vertical field of view: 96°<br>16:9 aspect ratio: Horizontal field of view: 152°, vertical field of view: 80° |
| Minimum Illumination | 0.25 lux at 50 IRE F2.0 | 0.35 lux at 50 IRE F2.4 |
| Shutter Speed | 1/32500 s to 1/5 s | 1/32500 s to 1/5 s |
| Resolution | 1920x1080 (1080p) to 320x240 | 2016x1512 to 320x240 (4:3) or 2304x1296 to 640x360 (16:9) |
| Frame Rate | 25/30 fps with power line frequency 50/60 Hz | 25/30 fps with power line frequency 50/60 Hz |
| Video Compression | H.264 (MPEG-4 Part 10/AVC) Main and High Profiles<br>H.265 (MPEG-H Part 2/HEVC) Main Profile<br>Motion JPEG | H.264 (MPEG-4 Part 10/AVC) Main and High Profiles<br>H.265 (MPEG-H Part 2/HEVC) Main Profile<br>Motion JPEG |
| Pan/Tilt/Zoom | Digital PTZ | Digital PTZ |
| Multi-View | 2 individually cropped out view areas in full frame rate | 2 individually cropped out view areas in full frame rate |

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### Input

- Power: Power over Ethernet (PoE) Type 1 Class 1, Typical 2.8W

### Connection Type

- Shielded RJ45

### Communication Protocols

- Supported Protocols: IPv4, IPv6 USGv6, HTTP, HTTPSa, SSL/TLSa, QoS Layer 3 DiffServ, FTP, SFTP, CIFS/SMB, SMTP, Bonjour, UPnPTM, SNMP v1/v2c/v3 (MIB-II), DNS, DynDNS, NTP, RTSP, RTP, TCP, UDP, IGMP, RTCP, ICMP, DHCP, ARP, SOCKS, SSH, LLDP

### Security

- Software uses password protection, IP address filtering, HTTPS encryption, IEEE 802.1 network access control, digest authentication, user access log, centralized certificate management, brute force delay protection, and signed firmware to ensure security footage safety.

### Video Storage

- SD card or network share

### Approvals

- **EMC**: EN 55032 Class B, EN 55024, EN 61000-6-1, EN 61000-6-2, FCC Part 15 Subpart B Class A and B, ICES-003 Class B, VCCI Class B, RCM AS/NZS CISPR 32 Class B, KCC KN32 Class B, KN35
- **Safety**: IEC/EN/UL 62368-1, IS 13252
- **Environment**: IEC 60068–2–6, IEC 60068–2–27, IEC 60068–2–2, IEC 60068–2–14
- **Network**: NIST SP500-267

### Video Management Software

- AXIS video management software and other AXIS development partner's software

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