

# High Resolution Analog/IP Camera

True day/night minidome camera with built-in microphone for mobile video surveillance

## OVERVIEW

The MobileView® 9100 Series Minidome Camera is the ideal choice for providing high-definition images in mass transit surveillance applications. The minidome camera comes with flexible lens options, built-in microphone and both 12VDC or PoE power options to simplify analog or IP installations. The camera offers true day/night functionality and built-in Infrared Illuminators to capture images in low light scenarios to ensure high image quality even in the most challenging transit environments. Tri-streaming capability allows users to easily configure and optimize bandwidth and storage settings according to needs. Users can configure camera to generate three separate H.264 streams simultaneously.



## STANDARD FEATURES

- 1.3 Mpx resolution (1280 x 960)
- Simultaneous analog and IP video outputs
- H.264 compression technology with tri-streaming capability with independent settings
- True day/night functionality and built-in infrared illuminators for capturing images in various lighting scenarios
- Built-in microphone
- Flexible power options to simplify installation with PoE or 12VDC
- Low-profile, rugged design
- IP66 and IK07 rating

# High Resolution Analog/IP Camera

True day/night minidome camera with built-in audio for mobile video surveillance

## Specifications

### Camera

|                            |  |
|----------------------------|--|
| Sensor Size                | 1/3"   |
| SD/Mpx                     | 1.3Mpx   |
| Sensor Scan                | Progressive Scan   |
| Sensor Type                | CMOS   |
| IP Compression/Standard    | H.264  |
| Maximum Resolution (@ FPS) | 1280x960 (25fps/30fps)   |
| Resolution                 | Analog: 520+ TVL<br>IP Alarm Stream: max 960p/XVGA @ 30fps<br>IP Primary Stream: max 720p @ 15fps<br>IP Alternate Stream: max 4CIF @ 15fps |
| Frame Rate                 | 50Hz: 25fps (1280 x 960),<br>60Hz: 30fps (1280 x 960)  |
| S/N Ratio                  | 50dB   |
| Electronic Shutter         | 50Hz: 1/25s~1/100,000s,<br>60Hz: 1/30s~1/100,000s  |
| Certification              | FCC, RoHS  |

### Lighting Performance

|                         |   |
|-------------------------|---|
| Wide Dynamic Range      | Yes, Digital                                      |
| WDR in dB               | 70dB  |
| Digital Noise Reduction | 3D  |
| Day/Night               | IR cut filter with auto switch                    |
| White Balance           | Yes, Auto 200K to 10,000K                         |
| Active Gain Control     | Yes, Auto   |
| Motorized IR Cut Filter | Yes   |
| Color Sensitivity       | 0.5 Lux at 70 IRE in Color @ f1.2, AGC On         |
| B/W Sensitivity         | 0 Lux at 70 IRE in B/W with IR @ f1.2, AGC On     |
| IR Range                | 5m (16.4 ft), Smart IR to eliminate over exposure |

### Housing

|                  |                         |
|------------------|-------------------------|
| Camera Type      | Low Profile Dome Camera |
| Ratings          | IP66 & IK07             |
| Outdoor          | Yes                     |
| Vandal Resistant | Yes                     |

### Lens

|              |                 |
|--------------|-----------------|
| Control Type | Fixed           |
| Focal Length | 2.8, 4.0, 6.0mm |
| Varifocal    | No              |

### Power

|                                   |  |
|-----------------------------------|--|
| Voltage Input & Power Consumption | 12V Power Source: 4W, maximum<br>PoE Power Source: 5W, maximum |
| PoE                               | PoE (802.3af)  |

### Other

|                 |                   |
|-----------------|-------------------|
| Special Feature | 3-axis adjustment |
|-----------------|-------------------|

### Network

|                   |   |
|-------------------|---|
| Bit Rate          | 64 Kbps~6Mbps   |
| Network Protocols | TCP/IP, HTTP, DHCP, DNS, DDNS, RTP, RTSP, PPPoE, SMTP, NTP, SNMP, HTTPS, FTP, 802.1x, Qos, IPv6 |
| Interoperability  | ONVIF (Profile S), PSIA, CGI  |

### Audio

|                   |  |
|-------------------|--|
| Audio Processing  | Codecs: G.711 mu-law, G.726                  |
| Audio Sensitivity | -30 dBV                                      |
| Audio S/N         | 68 dB at 94 dB Sound Pressure Level, minimum |

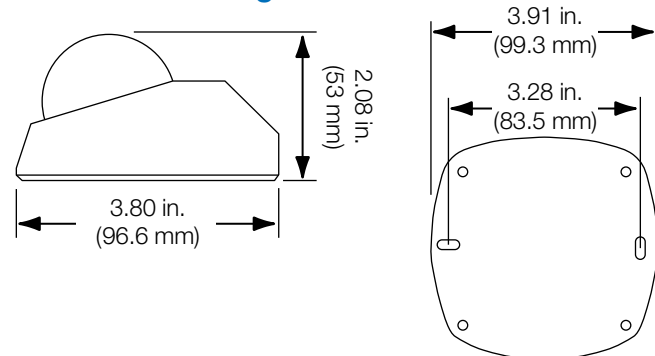
### Mechanical/Environmental

|                       |   |
|-----------------------|---|
| Dimensions            | 99 x 97 x 53mm  |
| Weight                | 14 oz (407 g)   |
| Operating Temperature | -20°C to +60°C (-4°F to 149°F)  |
| Audio/Power Connector | Molex 39-01-4036 (Pin 1 is Power +12V, Pin 2 is Ground, Pin 3 is Audio) |
| PoE & IP Audio        | RJ45  |

## Ordering Information

|                         |   |
|-------------------------|---|
| <b>MVC-9100-28-WI</b>   | Minidome Camera w/Audio, IP/Analog, True D/N, IR, 2.8mm Lens, 12VDC/PoE           |
| <b>MVC-9100-28-WI-R</b> | Minidome Camera w/Audio, IP/Analog, True D/N, IR, 2.8mm lens, 12VDC/PoE, Rearview |
| <b>MVC-9100-40-WI</b>   | Minidome Camera w/Audio, IP/Analog, True D/N, IR, 4.0mm Lens, 12VDC/PoE           |
| <b>MVC-9100-60-WI</b>   | Minidome Camera w/Audio, IP/Analog, True D/N, IR, 6.0mm Lens, 12VDC/PoE           |

## Dimensional Diagrams



 **mobileView**

[interlogix.com/mobileview](http://interlogix.com/mobileview)

Specifications subject to change without notice.

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