**I**nfinique™

# INV713Z-RWTN
## 2 Megapixel Premium Series IP IR WDR Vandal Dome Camera

Infinique offers a wide range of IP based high definition cameras available in housing formats, including Dome, Bullet, Box and PTZ. Our cameras are equipped with superior image sensor and digital signal processor to produce sharp, crisp pictures and are enclosed in weather and vandal resistant housings making it suitable for use in all security applications. The ONVIF compliance of the cameras helps in easy integration, providing peace of mind for your investment. From small to very large installations, Infinique's cameras are reliable, future proof and an ideal solution for your video surveillance needs.

The INV713Z-RWTN is a 2 Megapixel 130dB WDR IR Vandal Dome Camera with Motorized Zoom. It is built with a vandal resistant aluminum housing, incorporating a 1/2.8" high quality image sensor and IR LEDs to provide clear crisp images both during the Day and Night.

The camera comes equipped with a 2.8~12mm motorized zoom lens for easy setup of field of view. The auto iris control allows the camera to automatically set its iris position to maximize image quality in all lighting conditions. The camera streams real-time video at high definition resolution using H.264 or H.265 compression optimizing the bandwidth and increasing storage efficiency.
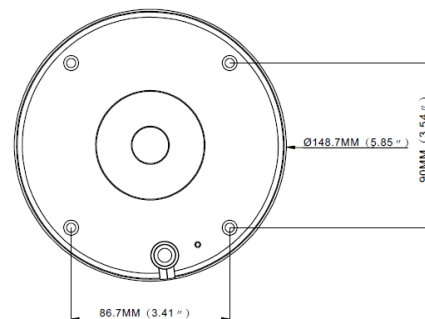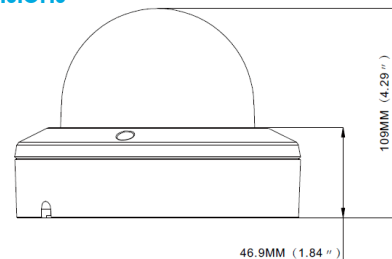
Built-in PoE for powering the camera and the flexible 3-axis bracket for fixing it on ceiling or wall, provides the convenience for installers to complete the installation quickly and with ease. These versatile cameras are suitable for video surveillance of government buildings, residential apartments, schools, colleges, universities, shopping malls, hospitals, hotels, industrial parks, and corporate offices.



**ONVIF**

### Dimensions



109MM (4.29")
46.9MM (1.84")
Ø148.7MM (5.85")
90MM (3.54")
86.7MM (3.41")

## Product Features

- 1/2.8" Progressive Sensor
- 2 Megapixel Resolution
- Up to 30fps at 1920 x 1080
- IR Distance up to 30 meters
- 2.8~12mm Motorized Zoom Lens with DC Auto Iris
- 130dB True WDR
- H.265 and H.264 Compressions
- Up to 3 Simultaneous Video Streams
- S/N Ratio of more than 50dB
- Micro SD Card Slot for Onboard Storage
- Composite Video Output
- Power Over Ethernet (PoE), IEEE 802.3af
- IP67 and IK10 Rated Housing
- Vandal Proof Aluminum Alloy Housing
- Wall or Ceiling Mount with 3 Axis Bracket
- ONVIF Compliant

### Accessories



Part No: IJBDWM-146
Wall Mount Junction Box

Part No: IBDLWM-2
Indoor Wall Mount L Bracket

Part No: IJBBCM-146
Ceiling Mount Junction Box

Part No: IBDCFM-2
Ceiling Flush Mount Bracket

Part No: IBKTCM
Pendant Ceiling Bracket

Part No: IBBCPM
Pole Mount Bracket

Part No: IBCRWM
Corner Mount Bracket

# INV713Z-RWTN

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ONVIF

### IMAGE PERFORMANCE

| | |
|---|---|
| Image Sensor | 1/2.8" Progressive Sensor |
| Effective Pixels (H x V) | 1920 × 1080 |
| Resolution (Megapixels) | 2 |
| Minimum Illumination | 0.002 lux (AGC ON) 0 lux with IR ON |
| Image Rate (FPS) | 30 |
| S/N Ratio | More than 50dB |
| IR Distance (m) | 30 |

### LENS

| | |
|---|---|
| Focal Length (mm) | 2.8 -12 Motorized Zoom Lens |
| Iris | DC Auto Iris |
| Lens Mount | M14 |
| Aperture Ratio | F1.2 |
| Angle of View (deg) | H:107°(Wide) - 35°(Tele), V:54°(Wide) -20°(Tele) |

### VIDEO

| | |
|---|---|
| Video Compression | H.265 Main Profile<br>H.264 Baseline Profile/Main Profile/High Profile |
| Main Stream | 1920 x 1080,  1280 x 960, 1280 x 720 |
| Sub Stream | 1280 x 720, 640 x 480, 320 x 240 |
| Mobile Stream | 640 x 480, 320 x 240 |
| Electronic Shutter Control | 1/5 ~ 1/20,000 sec |
| Day/Night Control | True Day/Night with IR Cut Filter |
| Flicker Control | 50 Hz, 60 Hz |
| True WDR | 130dB, Variable Coefficient |
| 3D Noise Reduction | Auto / Manual / Disable |
| White Balance | Automatic / Manual |
| Back Light Compensation | On / Off |
| Privacy Mask Zones | Up to 4 Privacy Mask Zones |
| Automatic Gain Control | Auto/Manual, Adjustable Level |
| Video Output | 2 pin terminal block |
| Video Bit rate | 256K-8M ,Supports CBR/VBR |
| OSD | Camera ID, Timestamp |
| Image Orientation | Image Flip, Corridor Mode, Rotation |
| Image Controls | Brightness, Contrast, Hue, Saturation, Sharpness |
| Advanced Functions | Image Rotation, Gain Control, Anti-Fog, Anti-False Color, Anti-Shake, IR Detection |

### VIDEO ANALYTICS

| | |
|---|---|
| Motion Detection | Multiple Zones |
| Advance Video Analytics | Tamper, Out Of Focus, Sound, Perimeter Intrusion, Line Crossing, Stationary Object, Pedestrian Detection, |

### LOCAL STORAGE

| | |
|---|---|
| Storage Type | Micro SD Card, Max up to 256GB |
| Recording | Video and Image; Auto / Schedule/ Manual / On Event |

### NETWORK

| | |
|---|---|
| Network Port | 10/100M BASE-TX, RJ-45 Connector |
| Cabling Type | Category 6 and higher |
| Network Protocol | IPv4, HTTP, HTTPS, TCP/IP, Unicast/Multicast, UDP, RTP, RTSP, RTCP, DNS, DDNS, DHCP, FTP, NTP, PPPOE, SMTP, SNMP, UPNP, IEEE802.1X |
| ONVIF Protocol | ONVIF Compliant |
| Security | User Access with password protection, IP Filtering |
| Users | 1 Administrator, 6 Users |
| Simultaneous Viewing | Up to 5 users |
| PC Web Browser | IE 6.0 Above; Mozilla Firefox; Google Chrome |
| Mobile Device | iOS, Android |
| Events | Motion, Tamper Detection, Sensor, Network Failure |
| Event Handlers | FTP, E-mail, Local Storage |

### MECHANICAL

| | |
|---|---|
| Housing ID | V4DIMWH671030A3 |
| Dimensions (mm) | 148 (D) x 109 (H) |
| Weight (g) | 950 |
| Housing | Vandal Resistant Aluminum Alloy Housing |
| Finish | White Powder Coat, RAL 9003<br>Black Powder Coat, RAL 9004 |
| Installation | Ceiling Mount / Wall Mount, 3-Axis Bracket |

### ELECTRICAL

| | |
|---|---|
| Power Consumption | 440mA, 5.28W |
| Power Source | PoE IEEE802.3af,  DC 12V |
| Power Connector | DC Male Plug |
| RTC Backup Battery | 3V Magnesium Lithium |

### ENVIRONMENTAL

| | |
|---|---|
| Operating Temperature (C) | -20  to +60 |
| Storage Temperature (C) | -20  to +60 |
| Operating Humidity | 0% - 95% non condensing |
| Ingress Protection Rating | IP67 |
| Impact Rating | IK10 |

### STANDARDS COMPLIANCE

| | |
|---|---|
| Emissions | FCC Part 15 Subpart B Class B<br>EN 55022:2010<br>IC ICES-003 Class B |
| Immunity | EN 55024:2010 |
| Safety | UL 609501, EU: 2001/95/EC GPSD |

### ORDERING INFORMATION

| PART NUMBER | DESCRIPTION |
|---|---|
| INV713Z-RWTN | Infinique Premium Series Indoor Outdoor WDR IR Dome Camera, 2MP, 2.8-12mm Motorized Zoom Lens, IR Array LED, 30m IR Range, H.265, H.264, MJPEG, Three Video Streams, 130dB WDR,  True Day and Night with ICR, Adjustable Bit Rate, SDHC Slot, ONVIF Compliant, PoE, IP67, IK10, Colour White |
| INV713Z-RWTNB | Infinique Premium Series Indoor Outdoor WDR IR Dome Camera, 2MP, 2.8-12mm Motorized Zoom Lens, IR Array LED, 30m IR Range, H.265, H.264, MJPEG, Three Video Streams, 130dB WDR,  True Day and Night with ICR, Adjustable Bit Rate, SDHC Slot, ONVIF Compliant, PoE, IP67, IK10, Colour Black |
| IJBDWM-146 | Infinique Wall Mount Junction Box, Base Diameter 146 mm |
| IBDLWM-2 | Infinique Indoor Wall Mount L Bracket |
| IJBBCM-146 | Infinique Ceiling Mount Junction Box, Base Diameter 146 mm |
| IBDCFM-2 | Infinique Ceiling Flush Mount Bracket, Hole Diameter 190 mm |
| IBKTCM | Infinique Pendant Mount Ceiling Bracket, 45 (D) x 294 (H) mm |
| IBBCPM | Infinique Pole Mount Bracket with Metal Ties, 125 (L) x 46 (W) x 200 (H) mm |
| IBCRWM | Infinique Corner Mount Bracket, 200 (L) x 130 (W) x 172.8 (D) mm |

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## Housing Accessories

| WALL MOUNT APPLICATION | CEILING MOUNT APPLICATION | WALL MOUNT APPLICATION | PENDANT MOUNT APPLICATION |
|---|---|---|---|
| Junction Box<br>IJBDWM-146 | Junction Box<br>IJBBCM-146 | L Bracket<br>IBDLWM-2 | Ceiling Bracket<br>IBKTCM |

| FLUSH MOUNT APPLICATION | POLE MOUNT APPLICATION | |  |
|---|---|---|---|
| Ceiling Bracket<br>IBDCFM-2 | Pole Bracket<br>IBBCPM | Junction Box<br>IJBDWM-146 | Junction Box<br>IJBBCM-146 |

| CORNER MOUNT APPLICATION | |
|---|---|
| Corner Bracket<br>IBCRWM | L Bracket<br>IBDLWM-2 |

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Infinique, a Canadian company is a manufacturer of high performing end-to-end solutions in copper, fiber and video surveillance systems. For more information visit our website at www.infinique.com or email us at sales@infinique.com.