**infinique**™

# INB716Z-RWTS

## 2 Megapixel Premium Series IP IR WDR Bullet Camera

Infinique offers a wide range of IP based high definition cameras from 1.4MP to 6MP available in various housing formats, including Box, Dome and Bullet. 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 INB716Z-RWTS is a 2 Megapixel IP IR bullet camera incorporating a 1/2.8" high quality image sensor and has a 120dB wide dynamic range providing sharp images and a wide field of view maintaining high level of image detail even when the video is digitally zoomed. It has a powerful array of LEDs providing clear crisp images during the night for a distance of up to 80 meters.

The camera comes equipped with a 5~50mm motorized lens with remote zoom and focus for easy setup of field of view. 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.265 or H.264 compression optimizing the bandwidth and increasing storage efficiency.
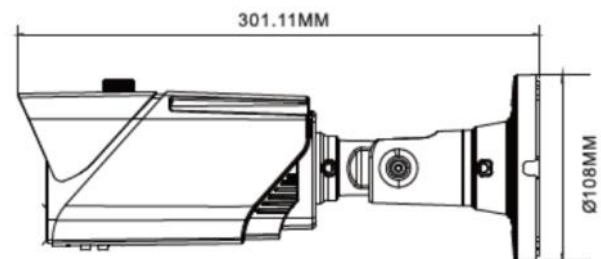
Built-in PoE for powering the camera and the concealed cable bracket for fixing it on ceiling or wall, provides the convenience for installers to complete the installation quickly and with ease. These excellent IP cameras are highly suitable for video surveillance of government buildings, residential apartments, schools, colleges, universities, shopping malls, hospitals, hotels, industrial parks, corporate offices and can also be used for vehicle Number Plate Recognition (NPR) applications.



**Dimensions**



## Product Features

- 1/2.8" Progressive Sensor
- 2 Megapixel Resolution at 25/30/60fps
- 8 pcs IR Array LED, IR Distance 80 meters
- 5~50mm Motorized Zoom Lens
- 120dB True WDR
- H.265, H.264 Compression
- Up to 3 Simultaneous Video Streams
- S/N Ratio of more than 50dB
- Micro SD Card Slot for Onboard Storage
- Composite Video Output
- Two Way Audio, Alarm I/O
- Power Over Ethernet (PoE), IEEE 802.3af
- IP67, IK10 Rated
- Vandal Proof Aluminum Alloy Housing
- Wall or Ceiling Mount with 3 Axis Bracket
- ONVIF Compliant

# INB716Z-RWTS

## 2 Megapixel Premium Series IP IR WDR Bullet Camera

**ONVIF**

### IMAGE PERFORMANCE

| | |
|---|---|
| Image Sensor | 1/2.8" Progressive Sensor |
| Effective Pixels (H x V) | 1920 × 1080 |
| Resolution (Megapixels) | 2 |
| Minimum Illumination | 0.05 lux (AGC ON) 0 lux with IR ON |
| Image Rate (FPS) | 25/30/60, adjustable for all resolutions |
| S/N Ratio | More than 50dB |
| IR | 8 PCs IR Array LED, IR Distance 80 meters |

### LENS

| | |
|---|---|
| Focal Length (mm) | 5~50 Motorized Zoom Lens |
| Iris | DC Auto Iris, Manual |
| Aperture Ratio | F2.0 |
| Angle of View (deg) | H:56 (Wide)~6 (Tele), V:55 (Wide)~5 (Tele) |

### VIDEO AND AUDIO

| | |
|---|---|
| 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 ~ 1/20000 |
| Day/Night Control | True Day/Night with IR Cut Filter |
| Flicker Control | 50 Hz, 60 Hz |
| True WDR | 120dB, On / Off / Adjustable Level |
| Highlight Compensation | On / Off / Adjustable Level |
| 3D Noise Reduction | Auto / Manual / Disable |
| White Balance | Automatic / Manual |
| Back Light Compensation | On / Off |
| Automatic Gain Control | Auto/Manual, Adjustable Level |
| Privacy Mask Zones | Up to 4 Privacy Mask Zones |
| Audio Compression | G.711A/G.711U/G.726, ADPCM, AAC |
| Audio Input / Output | Line level input and output, 3.5mm A/V Interface |
| Video Output | BNC |
| RS-485 | 1 RS485 Interface |
| Alarm I/O | 1CH Alarm Input,1CH Alarm Output |
| Video Bit rate | 32Kbps~8Mbps, Supports CBR/VBR |
| OSD | Camera ID, Timestamp, Bit rate |
| Image Orientation | Lens Flip, Image Flip, Corridor Mode, Rotation |
| Image Controls | Hue, Brightness, Contrast, 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, People Counting, Face Detection |

### LOCAL STORAGE

| | |
|---|---|
| Storage Type | Micro SD card, Max up to 128GB |
| 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 | Windows Mobile, Symbian, iPhone, Android |
| Events | Motion, Tamper Detection, Sensor, Network Failure |
| Event Handlers | FTP, E-mail, Local Storage |

### MECHANICAL

| | |
|---|---|
| Housing ID | V4BOMWH671080A1 |
| Dimensions (mm) | 108 (D) x 301.11 (L) |
| Weight (g) | 1427 |
| Housing | Vandal Resistant Aluminum Alloy Housing |
| Finish | White Powder Coat, RAL 9003 |
| Installation | Ceiling Mount / Wall Mount, 3-Axis Concealed Bracket |

### ELECTRICAL

| | |
|---|---|
| Power Consumption | 580mA, 12V DC, 7 Watts |
| Power Source | PoE IEEE802.3af; DC12V; AC 24 |
| Power Connector | DC Male Plug |
| RTC Backup Battery | 3V Magnesium Lithium |

### ENVIRONMENTAL

| | |
|---|---|
| Operating Temperature (C) | -20 to +50<br>-20 to +60 when IR LEDs are off |
| 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 |
|---|---|
| INB716Z-RWTS | Infinique Premium Series IR WDR Bullet Camera, 1/2.8 Sensor, 2MP, 5-50mm Motorized Zoom Lens, IR Array LED, 80m IR Range, H.265, H.264, MJPEG, Three Video Streams, 120dB WDR, True Day and Night with ICR, Adjustable Bit Rate, ONVIF Compliant, PoE, IP67 |

## Infinique™

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.

Product specification, design and availability subject to change without prior notice.

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