**infinique**™

# INB801F-RWTN
## 8 Megapixel Panoramic WDR Bullet Camera with IR LED

Infinique offers a wide range of IP based high definition cameras 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 INB801F-RWTN is a 8 Megapixel IP IR bullet camera incorporating a 1/2.8" high quality image sensor and has a 130dB 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's powerful array LEDs providing clear crisp images during the night for a distance of up to 25 meters.

The camera comes equipped with a 2mm lens which provides a panoramic field of view. It streams real-time video at high definition resolution using H.265 or H.264 compression optimizing the bandwidth and increasing storage efficiency.
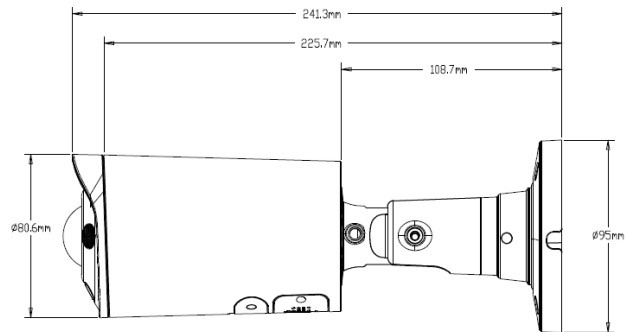
Built-in PoE for powering the camera and the concealed cable bracket for fixing it on ceiling or wall, provides the convenience for installers to complete the installation quickly and with ease. These excellent IP cameras are highly suitable for video surveillance of government buildings, residential apartments, schools, colleges, universities, shopping malls, hospitals, hotels, industrial parks, corporate offices.

## Product Features

- 1/2.8" Progressive Scan CMOS Image Sensor
- 8 Megapixel Resolution at 20 fps
- IR Distance 25 meters
- 2mm Panoramic Lens
- 130dB True WDR
- H.265, H.264 Compression
- Up to 3 Simultaneous Video Streams
- Composite Video Output
- IP67 Rated
- Micro SD Card Slot for Onboard Storage
- Power Over Ethernet (PoE), IEEE 802.3af
- Vandal Proof Aluminum Alloy Housing
- Wall or Ceiling mount with Concealed Cable Bracket
- ONVIF Compliant

**ONVIF**

## Dimensions

241.3mm
225.7mm
108.7mm
Ø80.6mm
Ø95mm

## Accessories

Part No: IJBBWM-100
Wall Mount Junction Box

Part No: IJBBCM-100
Ceiling Mount Junction Box

Part No: IBKTCM
Pendant Ceiling Bracket

Part No: IBBCPM
Pole Mount Bracket

# INB801F-RWTN

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ONVIF

### IMAGE PERFORMANCE

| | |
|---|---|
| Image Sensor | 1/2.8" Progressive CMOS |
| Effective Pixels (H x V) | 3840 × 2160 |
| Resolution (Megapixels) | 8 |
| Minimum Illumination | 0.007 lux (AGC ON) 0 lux with IR ON |
| Image Rate (fps) | 20 @8MP |
| S/N Ratio | More than 50dB |
| IR Distance (m) | 25 |

### LENS

| | |
|---|---|
| Focal Length (mm) | 2 (Panoramic Lens) |
| Iris | DC Auto Iris |
| Lens Mount | M12 |
| Aperture Ratio | F 2.4 |
| Angle of View (deg) | H:180 (Wide), V:91 (Wide) |

### VIDEO AND AUDIO

| | |
|---|---|
| Video Compression | H.265 Main Profile<br>H.264 Baseline Profile/Main Profile/High Profile |
| Main Stream | 3840x2160, 2592×1944, 3072x1728, 2592x1520, 2304x1296, 1920x1080, 1280x960, 1280x720 |
| Sub Stream | 1920x1080, 1280x720, 640x480, 320x240 |
| Mobile Stream | 640x480, 320x240 |
| Electronic Shutter Control | 1/5 ~ 1/20000 |
| Day/Night Control | Automatic / Manual |
| Flicker Control | 50 Hz, 60 Hz |
| WDR Type | True WDR, 130dB, On / Off / Adjustable Level |
| 3D Noise Reduction | Auto / Manual / Disable |
| White Balance | Automatic / Manual |
| Back Light Compensation | On / Off |
| Automatic Gain Control | Automatic |
| Privacy Mask Zones | Up to 4 Privacy Mask Zones |
| Audio Input / Output | Built-in MIC, Speaker |
| Video Bit rate | 256Kbps~16Mbps, Supports CBR/VBR |
| OSD | Camera ID, Timestamp |
| Image Orientation | Image Flip, Corridor Mode, Rotation |
| Image Controls | Brightness, Contrast, Hue, Saturation, Acu, Gamma |
| 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 and Vehicle Detection, People Counting, HeatMap, Rare Sound |

### LOCAL STORAGE

| | |
|---|---|
| Storage Type | Micro SD Card up to 512GB, Cloud Storage support |
| 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 S, G, T |
| Security | User Access with password protection, IP Filtering |
| Users | 1 Administrator, 6 Users |
| PC Web Browser | IE 10/11, Edge V.79, Safari V12.1, Firefox V.52, Chrome V.57 and above |
| Mobile Device | Windows Mobile, Symbian, iPhone, Android |
| Events | Motion Detection, Tamper Detection, Sensor |
| Event Handlers | FTP, E-mail, Cloud, Alarm Out (if available) |

### MECHANICAL

| | |
|---|---|
| Housing ID | V4BOMWH670725A1 |
| Dimensions (mm) | 95 ø 241.30 (L) |
| Weight (g) | 836.30 |
| Housing | Vandal Resistant Aluminum Alloy Housing |
| Finish | White Powder Coat, RAL 9003 (Standard)<br>Gray Powder Coat, RAL 7021 |
| Installation | Ceiling Mount / Wall Mount, Concealed Cable Bracket |

### ELECTRICAL

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

### ENVIRONMENTAL

| | |
|---|---|
| Operating Temperature (C) | -35° to +60° |
| Storage Temperature (C) | -20° to +60° |
| Operating Humidity | 0% - 95% non condensing |
| Ingress Protection Rating | IP67 |
| Impact Rating | IK07 |

### 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 |
|---|---|
| INB801F-RWTN | Infinique Premium Series IR Bullet Camera, 1/2.8" Sensor, 8MP, 25/30fps, 2mm Panoramic Lens, IR Array LED, 25m IR Range, H.265, H.264, Three Streams, 130dB True WDR, TDN, Adjustable Bit Rate, ONVIF Compliant, Composite Video Out, SDHC Slot, PoE, IP67 |
| IJBBWM-100 | Infinique Wall Mount Junction Box, Base Diameter 100.5 mm |
| IJBBCM-100 | Infinique Ceiling Mount Junction Box, Base Diameter 100.5 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 |

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

DS-VS-NVS-201601V02

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## Housing Accessories

| WALL MOUNT APPLICATION |
|---|
|  Junction Box IJBBWM-100 |

| CEILING MOUNT APPLICATION |
|---|
|  Junction Box IJBBCM-100 |

**PENDANT MOUNT APPLICATION**



Ceiling Bracket
IBKTCM



Junction Box
IJBBCM-100

**POLE MOUNT APPLICATION**



Pole Bracket
IBBCPM



Junction Box
IJBBWM-100