

INV511Z-RWTN

5 Megapixel Premium Series IP IR WDR Vandal Dome Camera with IR

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 INV511Z-RWTN is a 5 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 2.8~8mm 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.

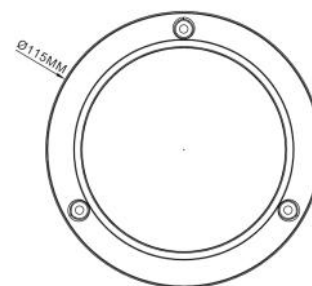
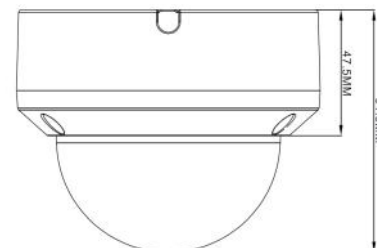
Built-in PoE for powering the camera and the flexible 3-axis bracket for fixing it on ceiling or wall, provides the convenience for installers to complete the installation quickly and with ease. These versatile cameras are suitable for video surveillance of government buildings, residential apartments, schools, colleges, universities, shopping malls, hospitals, hotels, industrial parks, and corporate offices.

Product Features

- 1/2.8” Progressive Sensor
- 5 Megapixel Resolution
- Up to 30fps at 2592 x 1944, 60fps at 1920 x 1080
- IR Distance up to 30 meters
- 2.8~8mm 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
- Two Way Audio, Alarm I/O
- 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



Dimensions



Accessories



Part No: IJBDWM-115
Wall Mount Junction Box



Part No: IJBDCM-115
Ceiling Mount Junction Box



Part No: IBDCFM-1
Ceiling Flush Mount Bracket



Part No: IBDLWM3
Indoor Wall Mount L Bracket



Part No: IBKTCM
Pendant Ceiling Bracket



Part No: IBBCPM
Pole Mount Bracket

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| IMAGE PERFORMANCE | | LOCAL STORAGE | |
|----------------------------|---|-----------------------------|--|
| Image Sensor | 1/2.8" Progressive Sensor | Storage Type | Micro SD Card, Max up to 256GB |
| Effective Pixels (H x V) | 2592 (H) x 1944(V) | Recording | Video and Image; Auto / Schedule/ Manual / On Event |
| Resolution (Megapixels) | 5 | NETWORK | |
| Minimum Illumination | 0.002 lux (AGC ON) 0 lux with IR ON | Network Port | 10/100M BASE-TX, RJ-45 Connector |
| Image Rate (FPS) | 30 @5MP, 60 @2MP | Cabling Type | Category 6 and higher |
| S/N Ratio | More than 50dB | Network Protocol | IPv4, HTTP, HTTPS, TCP/IP, Unicast/Multicast, UDP, RTP, RTSP, RTCP, DNS, DDNS, DHCP, FTP, NTP, PPPOE, SMTP, SNMP, UPNP, IEEE802.1X |
| IR Distance (m) | 30 | ONVIF Protocol | ONVIF Compliant |
| LENS | | Security | User Access with password protection, IP Filtering |
| Focal Length (mm) | 2.8~8 Motorized Zoom Lens | Users | 1 Administrator, 6 Users |
| Iris | DC Auto Iris | Simultaneous Viewing | Up to 5 users |
| Lens Mount | M14 | PC Web Browser | IE 6.0 Above; Mozilla Firefox; Google Chrome |
| Aperture Ratio | F1.2 | Mobile Device | iOS, Android |
| Angle of View (deg) | H:105 (Wide)~46 (Tele), V:56 (Wide)~26 (Tele) | Events | Motion, Tamper Detection, Sensor, Network Failure |
| VIDEO | | Event Handlers | FTP, E-mail, Local Storage |
| Video Compression | H.265 Main Profile H.264 Baseline Profile/Main Profile/High Profile | MECHANICAL | |
| Main Stream | 2592 x 1944, 2592 x 1520, 2048 x 1536, 2304 x 1296, 1920 x 1080, 1280 x 960 | Housing ID | V4DIMWH671030A1 |
| Sub Stream | 1920 x 1080, 1280 x 720, 640 x 480 | Dimensions (mm) | 115 (D) x 91.6(H) |
| Mobile Stream | 640 x 480, 320 x 240 | Weight (g) | 560 |
| Electronic Shutter Control | Auto, 1/8 ~ 1/20,000 | Housing | Vandal Resistant Aluminum Alloy Housing |
| Day/Night Control | True Day/Night with IR Cut Filter | Finish | White Powder Coat, RAL 9003 |
| Flicker Control | 50 Hz, 60 Hz | Installation | Ceiling Mount / Wall Mount, 3-Axis Bracket |
| True WDR | 130dB Variable Coefficient | ELECTRICAL | |
| 3D Noise Reduction | Auto / Manual / Disable | Power Consumption | 440mA, 12V DC, 5.28 W |
| White Balance | Automatic / Manual | Power Source | PoE IEEE802.3af; DC12V |
| Back Light Compensation | On / Off | Power Connector | DC Male Plug |
| Automatic Gain Control | Auto/Manual, Adjustable Level | RTC Backup Battery | 3V Magnesium Lithium |
| Privacy Mask Zones | Up to 4 Privacy Mask Zones | ENVIRONMENTAL | |
| Alarm IO | 1x Input, 1x Output | Operating Temperature (C) | -30 to +60 |
| Audio Input/ Output | Line level input and output, 3.5mm A/V Interface | Storage Temperature (C) | -30 to +60 |
| Video Bit rate | 256K-8M ,Supports CBR/VBR | Operating Humidity | 0% - 95% non condensing |
| OSD | Camera ID, Timestamp | Ingress Protection Rating | IP67 |
| Image Orientation | Image Flip, Corridor Mode, Rotation | IK Rating | IK10 Vandal Protection |
| Image Controls | Brightness, Contrast, Hue, Saturation, Sharpness | STANDARDS COMPLIANCE | |
| Advanced Functions | Image Rotation, Gain Control, Anti-Fog, Anti-False Color, Anti-Shake, IR Detection, Motion Detection | Emissions | FCC Part 15 Subpart B Class B EN 55022:2010 IC ICES-003 Class B |
| VIDEO ANALYTICS | | Immunity | EN 55024:2010 |
| Motion Detection | Multiple Zones | Safety | UL 609501, EU: 2001/95/EC GPSD |
| Advance Video Analytics | Tamper, Out Of Focus, Sound, Perimeter Intrusion, Line Crossing, Stationary Object, Pedestrian Detection, People Counting, Face Detection | | |

| ORDERING INFORMATION | |
|----------------------|--|
| PART NUMBER | DESCRIPTION |
| INV511Z-RWTN | Infinique Premium Series Indoor Outdoor WDR IR Dome Camera, 5MP, 2.8-8mm 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 |
| IJDWM-115 | Infinique Wall Mount Junction Box, Base Diameter 115 mm |
| IJDWM-115 | Infinique Ceiling Mount Junction Box, Base Diameter 115 mm |
| IBDCFM-1 | Infinique Ceiling Flush Mount Bracket |
| IBDLWM-3 | Infinique Indoor Wall Mount L Bracket |
| 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 |

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Housing Accessories

WALL MOUNT APPLICATION



Junction Box
IBDWM-115

CEILING MOUNT APPLICATION



Junction Box
IJBDCM-115

PENDANT MOUNT APPLICATION



Ceiling Bracket
IBKTCM

WALL MOUNT APPLICATION



L Bracket
IBDLWM-3

FLUSH MOUNT APPLICATION



Ceiling Bracket
IBDCFM-1



Junction Box
IJBDCM-115

POLE MOUNT APPLICATION



Pole Bracket
IBBCPM



Junction Box
IBDWM-115



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.