infinique™

INV813Z-RTN
8 Megapixel Vandal Dome 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 INV813Z-RTN is a 8 Megapixel IP Vandal Dome Camera with Motorized Zoom. It is built with a vandal resistant aluminum housing, incorporating a 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.
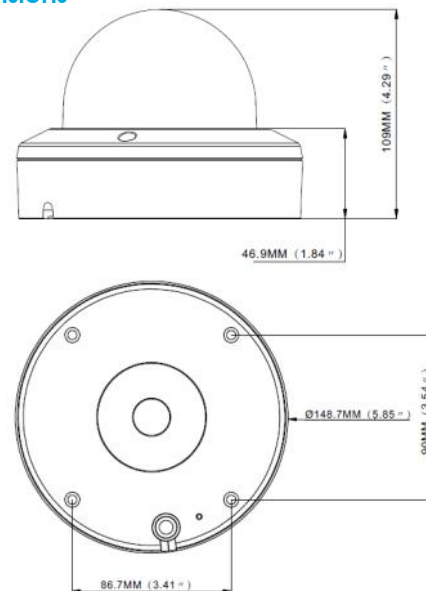
Built-in PoE for powering the camera and the flexible 3-axis bracket for fixing it on ceiling or wall, provides the convenience for installers to complete the installation quickly and with ease. These versatile cameras are suitable for video surveillance of government buildings, residential apartments, schools, colleges, universities, shopping malls, hospitals, hotels, industrial parks, and corporate offices.

ONVIF

Dimensions

Product Features

- 1/2.8" Progressive Sensor
- 8 Megapixel Resolution @20fps
- IR Distance up to 30 meters
- 2.8~12mm Motorized Zoom Lens with DC Auto Iris
- 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
- 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

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

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ONVIF

IMAGE PERFORMANCE

Image Sensor	1/2.8" Progressive Sensor
Effective Pixels (H x V)	3840 (H) × 2160 (V)
Resolution (Megapixels)	8
Minimum Illumination	0.005 lux (AGC ON) 0 lux with IR ON
Image Rate (FPS)	20
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:111°(Wide)~33°(Tele), V:57°(Wide)~18°(Tele)

VIDEO

Video Compression	H.265 Main Profile H.264 Baseline Profile/Main Profile/High Profile
Main Stream	3840 x 2160, 2592 x 1944, 2592 x 1520, 2048 x 1520, 1920 x 1080, 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	Auto, 1/8 ~ 1/20,000
Day/Night Control	True Day/Night with IR Cut Filter
Flicker Control	50 Hz, 60 Hz
WDR Type	DWDR (Digital WDR)
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
Alarm IO	1x Input, 1x Output
Audio Input/ Output	Line level input and output, 3.5mm A/V Interface
Video Bit rate	256K-16M ,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, Motion 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
Installation	Ceiling Mount / Wall Mount, 3-Axis Bracket

ELECTRICAL

Power Consumption	440mA, 12V DC, 5.28 W
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 +60
Storage Temperature (C)	-20 to +60
Operating Humidity	0% - 95% non condensing
Ingress Protection Rating	IP67
IK Rating	IK10

STANDARDS COMPLIANCE

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

ORDERING INFORMATION

PART NUMBER	DESCRIPTION
INV813Z-RTN	Infinique Premium Series Indoor Outdoor IR Dome Camera, 8MP, 2.8-12mm Motorized Zoom Lens, IR Array LED, 30m IR Range, H.265, H.264, Three Video Streams, True Day and Night with ICR, Adjustable Bit Rate, SDHC Slot, ONVIF Compliant, PoE, IP67, IK10
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
Junction Box IJBDWM-146

CEILING MOUNT APPLICATION
Junction Box IJBBCM-146

WALL MOUNT APPLICATION
L Bracket IBDLWM-2

PENDANT MOUNT APPLICATION
Ceiling Bracket IBKTCM

FLUSH MOUNT APPLICATION
Ceiling Bracket IBDCFM-2

POLE MOUNT APPLICATION	
Pole Bracket IBBCPM	Junction Box IJBDWM-146

	Junction Box IJBBCM-146

CORNER MOUNT APPLICATION	
Corner Bracket IBCRWM	L Bracket IBDLWM-2

I 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.   DS-VS-NVS-201601V02