INV702F-RTE

2 Megapixel IR Fixed Dome Camera

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 INV702F-RTE is a 2 Megapixel IP IR Fixed Dome Camera built with a vandal resistant aluminum housing, incorporating a 1/3" high quality image sensor and IR LEDs to provide clear crisp images both during the Day and Night.

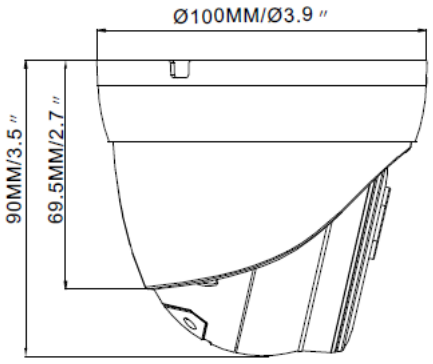
The camera comes equipped with a 2.8mm Fixed lens with remote zoom and focus for easy setup of field of view. The Auto Iris control allows the camera to automatically set its iris position to maximize image quality in all lighting conditions. The camera streams real-time video at high definition resolution using H.265 or H.264 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 excellent IP cameras are highly suitable for video surveillance of government buildings, residential apartments, schools, colleges, universities, shopping malls, hospitals, hotels, industrial parks, and corporate offices.

Product Features

- 1/3" CMOS Sensor
- 2 Megapixel Resolution
- Up to 30fps at 1920 x 1080
- IR Distance 30 meters
- 2.8mm Fixed Zoom Lens with DC Auto Iris
- S/N Ratio of more than 50dB
- H.265 and H.264 Compression
- Up to 3 Simultaneous Video Streams
- Micro SD Card Slot for Onboard Storage
- Power Over Ethernet (PoE), IEEE 802.3af
- IP67 Rated
- Wall or Ceiling mount with 3 Axis Bracket

Dimensions



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

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IMAGE PERFORMANCE	
Image Sensor	1/3" CMOS
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 fixed Lens
Iris	DC Auto Iris, Manual
Angle of View (deg)	H:111 (Wide), V:59 (Wide)
VIDEO AND AUDIO	
Video Compression	H.265 Main Profile; H.264 (Baseline, MP, HP)
Main Stream	1920 x 1080, 1280 x 720
Sub Stream	720 x 576, 640 x 480
Motion Detection	Up to 4 Zones
Electronic Shutter Control	1/5 sec ~ 1/20000 sec
Day/Night Control	Automatic / Manual
Flicker Control	50 Hz, 60 Hz
Digital WDR	Off, Low, Normal, High
White Balance	Automatic / Manual
Backlight Compensation	N/A
Automatic Gain Control	Auto/Manual, Adjustable Level
Privacy Mask Zones	Up to 4 Privacy Mask Zones
Audio	Built-in MIC
Audio Compression	G.711A/ G.711U/ G.726
Audio Input/ Output	Line level input and output, 3.5mm A/V Interface
Video Output	2 pin terminal block
RS-485	1 RS485 Interface
Video Bit rate	256K-8M ,Supports CBR/VBR
OSD	Camera ID, Timestamp, Bitrate
Image Orientation	Image Flip, Mirror, LSC, CTB
Image Controls	Brightness, Contrast, Hue, Saturation, Acu, Gamma
Advanced Functions	Image Rotation, Gain Control, Anti-Fog, Anti-False Color, Anti-Shake, IR Detection
Motion Detection	Up to 4 Zones
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, TCP/IP, UDP, RTP, RTSP, RTCP, DNS, DDNS, DHCP, FTP, NTP, PPPOE, SMTP, UPNP
ONVIF Protocol	NA
Security	Multiple User Access with password protection
Users	Maximum 5 users
PC Web Browser	IE 6.0 Above; Mozilla Firefox; Google Chrome
Mobile Device	Windows Mobile, Symbian, iPhone, Android
Events	Motion, Sensor, Network Failure
Event Handlers	FTP, E-mail, Alarm Out
MECHANICAL	
Housing ID	V4DIMWH670730A1
Dimensions (mm)	100 (D) x 90 (H)
Weight (g)	410
Housing	Aluminum Die Cast
Finish	White Powder Coat, RAL 9003 Black Powder Coat, RAL 9004
Installation	Ceiling Mount / Wall Mount, 3-Axis Bracket
ELECTRICAL	
Power Consumption	320mA, 12V DC, 3.84W
Power Source	PoE IEEE802.3af; DC12V; AC 24
Power Connector	3.5mm Power Jack
RTC Backup Battery	3V Magnesium Lithium
ENVIRONMENTAL	
Operating Temperature (C)	-10 to +60
Storage Temperature (C)	-10 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
INV702F-RTE	Infinique Premium Series Indoor Outdoor IR Dome Camera, 2MP, 2.8mm Fixed Lens, IR Array LED, 30m IR Range, H.265, H.264, MJPEG, True Day and Night with ICR, Built-in MIC, PoE, IP67, Colour White
INV702F-RTEB	Infinique Premium Series Indoor Outdoor IR Dome Camera, 2MP, 2.8mm Fixed Lens, IR Array LED, 30m IR Range, H.265, H.264, MJPEG, True Day and Night with ICR, Built-in MIC, PoE, IP67, Colour Black
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

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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

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.