infinique™

INV704F-RWTI

2 Megapixel IR Fixed 140dB WDR Dome 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 INV704F-RWTI is a 2 Megapixel IP IR Fixed Dome Camera with 140dB WDR. 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 4mm fixed 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.265, 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 versatile cameras are suitable for video surveillance of government buildings, residential apartments, schools, colleges, universities, shopping malls, hospitals, hotels, industrial parks, and corporate offices.
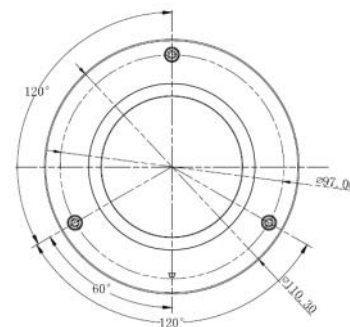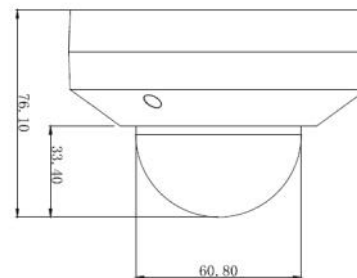
Product Features

- 1/2.8" Progressive Sensor
- 2 Megapixel Resolution
- Up to 30fps at 1920 x 1080
- IR Distance up to 15 meters
- 4mm Fixed Lens with DC Auto Iris
- 140dB True WDR
- H.265, H.264 and MJPEG Compressions
- Up to 2 Simultaneous Video Streams
- S/N Ratio of more than 50dB
- Micro SD Card Slot for Onboard Storage
- Composite Video Output
- Power Over Ethernet (PoE), IEEE 802.3af
- IP66 Rated Housing
- Vandal Proof Aluminum Alloy Housing
- Wall or Ceiling Mount with 3 Axis Bracket
- ONVIF Compliant

Onvif

Dimensions

INV704F-RWTI

2 Megapixel IR Fixed 140dB WDR Dome 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)	30
S/N Ratio	More than 50dB
IR Distance (m)	15

LENS

Focal Length (mm)	4.0 Fixed Lens
Iris	DC Auto Iris
Lens Mount	M14
Aperture Ratio	F1.2
Angle of View (deg)	H:75 (Wide), V:59 (Wide)

VIDEO

Video Compression	H.265 Main Profile 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	1/25 ~ 1/8000
Day/Night Control	True Day/Night with IR Cut Filter
Flicker Control	50 Hz, 60 Hz
True WDR	140dB, Off, Low, Normal, High
3D Noise Reduction	Auto / Manual / Disable
White Balance	Automatic / Manual
Back Light Compensation	On / Off
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
Video Bit rate	256K-8M ,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, Lens Correction, Corridor Monitoring
Motion Detection	Up to 4 Zones

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 32GB
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	V3DIMWH660703A1
Dimensions ((mm)	110 (D) x 76 (H)
Weight (g)	480
Housing	Vandal Resistant Aluminum Alloy Housing
Finish	White Powder Coat
Installation	Ceiling Mount / Wall Mount, 3-Axis Bracket

ELECTRICAL

Power Consumption	250mA, 12V DC, 2.4 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 + 50
Storage Temperature (C)	-20 to + 60
Operating Humidity	0% - 95% non condensing
Ingress Protection Rating	IP66

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
INV704F-RWTI	Infinique Integrator Series Indoor WDR IR Dome Camera, 2MP, 4mm, IR Array LED, 15m IR Range, H.265, H.264, MJPEG, Dual Stream, 140dB WDR, True Day and Night with ICR, Adjustable Bit Rate, SDHC Slot, ONVIF Compliant, PoE, IP66 Vandal Proof

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.