infinique™

INO404X-RAWT

Premium Series WDR Outdoor Mini PTZ Dome Camera with Smart 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.

Infinique's 4MP IR PTZ comes with 4X Optical Zoom with 130dB true WDR. It is compact in size with a reliable mechanical design that offers precise positioning and predictable high-speed tracking. This high quality PTZ dome provides excellent image quality in difficult lighting conditions and provides features such as privacy zone blanking, guard tours, multiple presets, alarms which are required for efficient 24/7 surveillance.

This camera is equipped with smart IR and has a night vision of up to 20m and provides a very high speed continuous 350° degree rotation at up to 54° per second.
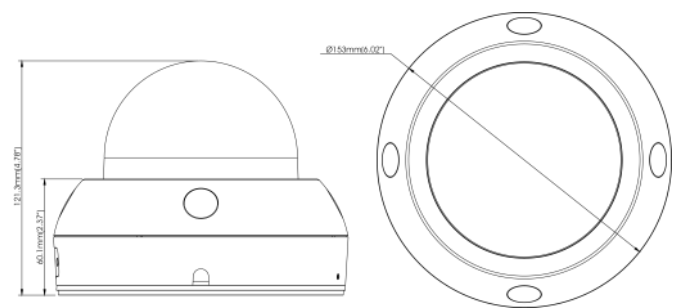
An easy to install design with wall, ceiling and pole mount brackets allows for quick installation, makes it a suitable choice for any indoor and outdoor application such as large retail stores, malls, airports, factories, warehouses, airports, government buildings where detailed video surveillance is essential.

ONVIF

Dimensions

Product Features

- 1/1.8" Progressive Scan CMOS
- 4MP Resolution at 50/60 fps
- Smart IR, IR Distance 20m
- 130dB True WDR
- 4x Optical Zoom
- H.265+, H.265, H.264 Compression
- Up to 3 Simultaneous Video Streams
- Track targets with 350° Rotation
- Preset/Tour/Scan/Pattern Function
- True Day & Night with ICR Cut Filter
- S/N Ratio of more than 50dB
- Micro SD Card Slot for Onboard Storage
- Audio I/O
- Metal Housing
- IP66 and IK10 Rated
- Easy control by Keyboard (OSD)
- ONVIF Compliant

Accessories

Part No: IJBDCM-150
Ceiling Mount Junction Box

Part No: IBKTCM
Ceiling Mount Bracket

Part No: IBBCPM
Pole Mount Bracket

Part No: IBDLWM-2
Wall Mount L Bracket

Part No: IBCRWM
Corner Mount Bracket

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ONVIF

IMAGE PERFORMANCE

Image Sensor	1/1.8" Progressive Scan CMOS
Resolution (H x V)	2560x1440
Minimum Illumination	Color: 0.001 Lux @ (F1.6, AGC ON), B/W: 0 Lux with IR
Image Rate (FPS)	50 / 60
IR Distance (m)	20
IR Diming	Adjustable
S/N Ratio	More than 50dB

LENS

Focal Length (mm)	2.8 mm to 12 mm
Iris	Auto, Manual
Aperture Ratio	Max. F1.3
Angle of View (deg)	H: Wide 114.6~ Tele 48.3 V: Wide 59~Tele 27.1
Zoom Ratio	4x Optical Zoom

VIDEO AND AUDIO

Video Compression	H.265+, H.265 Main Profile H.264+, H.264 Baseline Profile/Main Profile/High Profile
Main Stream	2560x1440, 2304x1296,1920 × 1080, 1280 × 720
Sub Stream	1280x720, 640 × 480, 320x240
Mobile Stream	340x480, 320x240
Electronic Shutter Control	1/5 s to 1/20000 s
Day/Night Control	IR Cut Filter
Flicker Control	50 Hz, 60 Hz
True WDR	130dB
White Balance	Auto / Manual / Indoor
Backlight Compensation	On / Off
Automatic Gain Control	Auto/Manual, Adjustable Level
Smart Defog	NA
Audio Compression	G.711a/G.711u
Audio Input / Output	Built in Microphone and Speaker
Video Output	IP-RJ45, CVBS-BNC Type
Alarm I/O	NA
Video Bit rate	8 kbps to 8192 kbps
OSD	Camera ID, Pan/Tilt Angle, Mode, Zoom Ratio Setting/Control via Joystick
Image Orientation	Image Flip, Mirror
Image Controls	Brightness, Contrast, Hue, Saturation, Acu, Gamma
Advanced Functions	Motion Detection Image Rotation, Anti-Fog, Smart IR Detection

VIDEO ANALYTICS

Advance Video Analytics	Face Recognition, Human & Vehicle, Perimeter Intrusion, Line Crossing, Stationary Object, Crossing Counting, Heat Map, Crowd Density, Queue Length, License Plate Detection

LOCAL STORAGE

Memory Card Slot	Micro SD/SDHC/SDXC, Max 512GB
Recording	Video and Image; Auto / Manual; Motion, Alarm Trigger, Schedule

NETWORK

Network Port	10/100M BASE-TX, RJ-45 Connector
Cabling Type	Category 6 and higher
Network Protocol	IPv4/IPv6, HTTP, HTTPS, FTP, SMTP, UPnP, SNMP, DNS,
ONVIF Protocol	Onvif (Profile S, Profile G, Profile T), Http API
Security	Password protection, complicated password, HTTPS encryption, IP address filter, control timeout settings
Users	5 Users
PC Web Browser	IE10/11, Edge V.79 above, Chrome V.57 above
Mobile Device	Android, iPhone
Events	Motion detection
Event Handlers	Upload to FTP, E-mail, Audible Warning, Flashing Lights, SD Card Recording

PTZ CONTROL

Pan/Tilt Angle (deg)	Pan: 350/ Tilt: 0° to 80°
Pan Speed (deg)	Configurable from 0.6° to 54°/s
Tilt Speed (deg)	Configurable from 0.6° to 52°/s
Preset Speed / Positions	255 deg per sec
Tour	NA
Scan	NA
Pattern	NA
Default Position	NA
Communication	NA
RS-485 Protocol	NA

MECHANICAL

Housing ID	V4POMWH671020S1
Dimensions (mm)	153 (D) x 121.3 (H)
Weight (g)	950
Finish	White Powder Coat, RAL 9003
Installation	Ceiling / Wall / Pole Mount

ELECTRICAL

Power Consumption	9W
Power Source	PoE IEEE802.3af; DC12V
Power Connector	2 pin terminal block
RTC Backup Battery	3V Magnesium Lithium

ENVIRONMENTAL

Operating Temperature (C)	-30 to 60
Storage Temperature (C)	-20 to 60
Operating Humidity	0% - 90% non condensing
Ingress Protection Rating	IP66
Impact 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
INO404X-RAWT	Infinique Premium Series Outdoor IR Mini PTZ Dome IP Camera, 1/1.8 CMOS Sensor, 4MP, 4X Optical Zoom, H.265, H.264, Three Stream, 130dB WDR, True Day and Night with ICR, Adjustable Bit Rate, ONVIF Compliant, Audio, SDHC Slot, IP66, IK10
IBDLWM-2	Infinique Camera L Bracket, Wall Mount Base Diameter 163 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
IJBDCM-150	Infinique Ceiling Mount Junction Box, Base Diameter 150 mm
IBCRWM	Infinique Corner Mount Bracket, 200 (L) x 130 (W) x 172.8 (D) mm

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Onvif

Housing Accessories

WALL MOUNT APPLICATION
L Bracket IBDLWM-2

CEILING MOUNT APPLICATION
Junction Box IJBDCM-150

POLE MOUNT APPLICATION
Pole Bracket IBBCPM

CEILING MOUNT APPLICATION	
Ceiling Bracket IBKTCM	Junction Box IJBDCM-150

Junction Box
IJBDCM-150

CORNER MOUNT APPLICATION	
Corner Bracket IBCRWM	L Bracket IBDLWM-2

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

DS-VS-NVS-201601V02