Ⅰ infinique™

INO825X-RAWT

Premium Series 8MP IR WDR Outdoor Speed Dome PTZ Camera 25X

Infinique offers a wide range of IP based high definition cameras available in housing formats, including Dome, Bullet, Box and PTZ. 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 8MP IR PTZ comes with 25X 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 100m and provides crisp and clear images both during day and night. It can pan with a continuous 360° degree rotation at a very high preset speed of 120° per second.
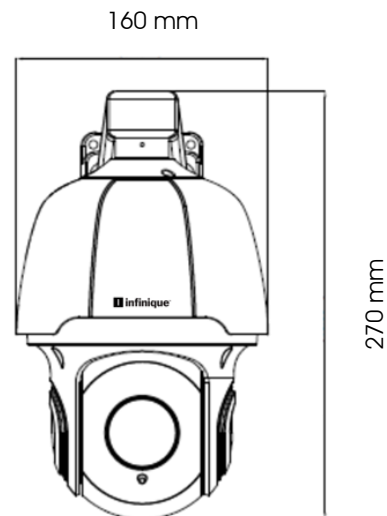
An easy to install design with wall, ceiling and pole mount brackets allows for quick installation, makes it a suitable choice for any indoor and outdoor application such as large retail stores, malls, airports, factories, warehouses, airports, government buildings where detailed video surveillance is essential.

Product Features

- 1/2.8" Progressive Scan Image Sensor
- 8MP Resolution at 25/30 fps
- Smart IR, IR Distance 100m
- 130dB True WDR
- 25X Optical Zoom
- H.265+, H265, H264+, H.264 Compression
- Up to 3 Simultaneous Video Streams
- Track targets with 360° 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, Alarm I/O
- Vandal Proof Aluminum Alloy Housing
- IP67 Rated
- Easy control by Keyboard (OSD)
- ONVIF Compliant

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Dimensions

160 mm

270 mm

Accessories

Part No: IBKTWM
Wall Mount Bracket

Part No: IBKTCM
Ceiling Mount Bracket

Part No: IBBCPM
Pole Mount Bracket

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ONVIF

IMAGE PERFORMANCE

Image Sensor	1/2.8" Progressive Scan CMOS
Resolution (H x V)	3840 x 2160
Minimum Illumination	Color 0.007 lux with AGC On, B/W 0 lux with IR
Image Rate (FPS)	25 / 30
IR Distance (m)	100
IR Diming	Adjustable
S/N Ratio	More than 50dB

LENS

Focal Length (mm)	4.7 ~ 90
Iris	DC Auto Iris, Manual
Aperture Ratio	F1.6
Angle of View (deg)	Wide 54 ~ Tele 3.8
Zoom Ratio	25X Optical Zoom

VIDEO AND AUDIO

Video Compression	H.265 Main Profile H.264 Baseline Profile/Main Profile/High Profile
Main Stream	3840x2160, 3072x1728, 2592x1944, 2592x1520, 2304x1296, 1920x1080, 1280x960, 1280x720
Sub Stream	1920x1080, 1280x720, 640x480, 320x240
Mobile Stream	640x480, 320x240
Electronic Shutter Control	1/5 ~ 1/20000
Day/Night Control	IR Cut Filter with Auto Switch
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	Supported
Audio Compression	G.711A/G.711U/G.726
Audio Input / Output	Line level input and output, 3.5mm A/V Interface
Video Output	IP-RJ45, CVBS-BNC Type
Alarm I/O	1 Alarm Inputs,1 Relay Output (N.O)
Video Bit rate	32Kbps~16Mbps, Supports CBR/VBR
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	Image Rotation, Anti-Fog, Smart IR Detection

VIDEO ANALYTICS

Advance Video Analytics	Tamper, Out Of Focus, Sound, Perimeter Intrusion, Line Crossing, Stationary Object, Pedestrian Detection, People Counting, Face Detection, Smart Tracking

LOCAL STORAGE

Memory Card Slot	Micro SD/SDHC/SDXC, Max 256GB Slot
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	IPv4/6, HTTP, HTTPS, TCP/IP, UDP, RTP, RTSP, RTMP, SNMP, DNS, DDNS, DHCP, FTP, NTP, PPPOE, SMTP, UPNP, ICMP
ONVIF Protocol	ONVIF Compliant Profile-S, G, T
Security	User Access with password protection, IP Filtering
Users	1 Administrator, 4 Users
PC Web Browser	IE 6.0 Above; Mozilla Firefox; Google Chrome
Mobile Device	Android, iPhone
Events	Motion, Sensor, Network Failure
Event Handlers	Pre-Post Event Image, FTP, E-mail, SD Card Recording

PTZ CONTROL

Pan/Tilt Angle (deg)	Pan: 360 Endless / Tilt: -10 to 95 / Auto Flip
Pan Speed (deg)	0.6° to 80° per sec
Tilt Speed (deg)	0.6° to 100° per sec
Preset Speed / Positions	120° per sec / 255 Positions
Tour	4 Group Tours, Each tour up to 8 Presets
Scan	1 Programmable Scan
Pattern	4 Patterns
Default Position	Preset / Tour / Scan / Pattern
Communication	RS-485 - 2400, 4800, 9600, 38400 bps
RS-485 Protocol	Pelco-D, Pelco-P

MECHANICAL

Housing ID	V4POMWH671010S1
Dimensions (mm)	160 (D) x 270 (H)
Weight (g)	2500
Housing	Vandal Resistant Aluminum Alloy Housing
Finish	White Powder Coat, RAL 9003
Installation	Ceiling / Wall / Pole Mount

ELECTRICAL

Power Consumption	22W
Power Source	PoE IEEE802.3af; DC12V; AC 24V
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	IP67
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
INO825X-RAWT	Infinique Premium Series Outdoor IR PTZ Speed Dome IP Camera, 1/2.8 CMOS Sensor, 8MP, 25X Optical Zoom, H.265, H.264, Three Stream, 130dB WDR, True Day and Night with ICR, Adjustable Bit Rate, ONVIF Compliant, Audio, SDHC Slot, IP67, IK07
IBKTWM	Infinique PTZ Camera Wall Mount Bracket
IBKTCM	Infinique PTZ Camera Ceiling Mount Bracket
IBBCPM	Infinique Outdoor Pole Mount Bracket with Metal Ties

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.

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Housing Accessories

WALL MOUNT APPLICATION	CEILING MOUNT APPLICATION	POLE MOUNT APPLICATION

Wall Bracket
IBKTWM

Ceiling Bracket
IBKTCM

Pole Bracket
IBBCPM

Wall Bracket
IBKTWM

Product specification, design and availability subject to change without prior notice.   DS-VS-NVS-201601V02