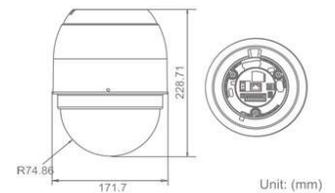# inaxsys™

IN-DI2MPTZ20X
IN-DO2MPTZ20X

Full HD Speed Dome IP Camera

- 360° Endless Pan Travel
- Quad Stream Support
- Dual Streams, Full HD real-time + D1 real-time
- Quad Stream Compression:
    - H.264 Baseline / Main / High Profile + MJPEG
- Vertical View mode (Image rotation by 90°)
- 20× optical zoom
- Up to 8× digital zoom
- Wide Dynamic Range
- Auto White Balance
- AGC Control
- Backlight Compensation
- Auto Exposure
- True Day/Night function with IR Cut Filter
- Digital Noise Reduction
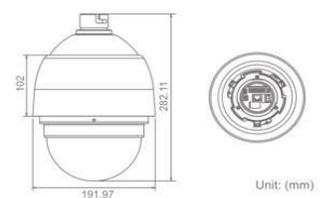- Network Failure Detection
- Digital Slow Shutter

Dimension Diagram

IN-DI2MPTZ20X

228.71
R74.86
171.7
Unit: (mm)

IN-DO2MPTZ20X

102
282.11
191.97
Unit: (mm)

Popular Mounting Solutions

Surface	Accessories not required		
Wall	IN-XMPM OR IN-XSPM	IN-XMPM or IN-XSPM	
Pendant	IN-XIMK IN-XST1 OR IN-XST2	IN-XIMK (Only required for IN-DI2MPTZ20X)	25 cm IN-XST1 / 50 cm IN-XST2
Corner	IN-XIMK IN-XSPM IN-XCST	IN-XIMK (Only required for IN-DI2MPTZ20X) + IN-XSPM + IN-XCST	
Pole	IN-XIMK IN-XSPM IN-XPTD	IN-XIMK (Only required for IN-DI2MPTZ20X) + IN-XSPM + IN-XPTD	
Flush	IN-X0720	IN-X720	
Parapet	IN-XPMAQ	IN-XPMAQ	

ONVIF

Item	IN-DI2MPTZ20X	IN-DO2MPTZ20X
● **Camera**	Indoor	Outdoor
Image Sensor	1/2.8" Sony Progressive CMOS	
Optical Zoom	20x	
Digital Zoom	1 ~ 8x variable	
Minimum illumination	0.05 (Color), 0.01 lux (B/W) @ F1.6	
Focal Length	4.7 ~ 94 mm	
Focus Mode	Auto / Manual	
White Balance	Auto / Indoor / Outdoor / ATW / Manual	
Iris Control	Auto / Manual	
Electronic Shutter	1/1 ~ 1/10k sec.	
AGC Control	Auto / Manual	
Backlight Compensation	On / Off	
● **Operation**		
Pan Travel	360° endless	
Tilt Travel	-10° ~ 190°	
Manual Speed	0.5° ~ 90°/s	
Presets	256	
Preset Accuracy	0.225°	
Preset Speed	5° ~ 400°/s	
Sequence	8	
Auto Pan	4	
Cruise	8	
Privacy Mask	16	
Proportional Pan & Tilt	On / Off (Pan and tilt speed proportional to zoom ratio)	
Resume after Power Loss	Yes	
Home Function	Preset / Sequence / Auto Pan / Cruise	
Auto Flip	Image / Mechanical / Off	
Motion Detection	On / Off	
Wide Dynamic Range	On / Off	
Day/Night: IR Cut Filter	Auto / Manual	
Image Rotation	Flip / Mirror / Inverse / Portrait	
Digital Noise Reduction	On / Off	
● **Network**		
Video Compression	H.264 / MJPEG	
Video Streaming	Quad Streams H.264 ×4 / H.264 ×3 + MJPEG	
Video Resolution	Full HD 1080P / SXGA / HD 720P / XGA / SVGA / D1 / VGA / CIF	
Frame Rate	1080P (30 fps) + D1 (30 fps)	
Audio Compression	G.711 / G.726 ADPCM / AAC	
Audio Streaming	Two-way Audio	
Networking	10/100 Mb Ethernet (RJ-45)	
Protocol	IPv4/v6, TCP/IP, UDP, RTP, RTSP, HTTP, HTTPS, ICMP, FTP, SMTP, DHCP, PPPoE, UPnP, IGMP, SNMP, IEEE 802.1x, QoS, ONVIF	
Security	User Account and Password Protection	
Alarm — Input	4 Sets	
Alarm — Output	2 Sets	
Alarm Reaction	Preset / Sequence / Auto Pan / Cruise	
Micro SD	Micro SDHC 32GB support	
Internet Browser	Internet Explore (6.0+) / Chrome / Firefox / Safari	
● **General**		
Environment	Indoor	Outdoor
Operating Temperature	0 °C ~ 40 °C (32 °F ~ 104 °F)	.-40 °C - 50 °C (-40 °F ~ 122 °F)
Dimension	Ø 171.7 x 228.71 mm (Ø 6.76 x 9 inches)	Ø 191.97 x 282.11 mm (Ø 7.55 x 11.1 inches.) w/ Sunshield
Weight	1.62 Kg (3.57 lbs)	2.32 Kg (5.11 lbs)
Power Source (not included)	PoE+ / AC 24V ± 10%	PoE+ (w/o Heater) / AC 24V ± 10%
Power Consumption	20 W	65 W (w/ Heater)
Regulatory	CE / FCC / RoHS	CE / FCC / RoHS / IP66