

# 2MP 36X PTZ Dome Camera

## WDPTZ20IP36X



### Key Features



- High quality image with 2MP,1/1.8" CMOS sensor
- 1920\*1080@60fps in the main stream
- H.265+, H.265, H.264, MJPEG
- Tripple streams
- 36X Optical Zoom
- Smart intrusion prevention, Motion Detection, Face Detection, support false alarm filtering, Alarm Buffer, include Cross Line, Intrusion, Enter Area, Leave Area detection, Exceptional Audio Detection, Loitering etc.
- Light hunter technology ensures ultra-high image quality in low illumination environment
- Smart IR, up to 300M
- Group Tour
- AC 24V±25%, DC 24V±25% or PoE+ (IEEE 802.3at) power supply
- Alarm 2 in and 1 out, Audio 1 in and 1 out
- IP67 ingress protection
- SD Card support upto 512 GB

## Specifications

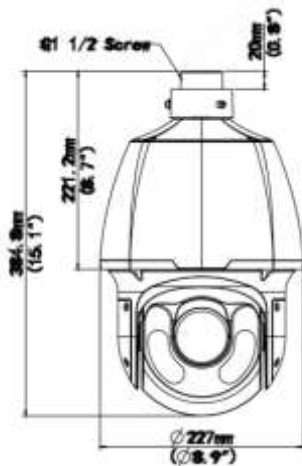
WDPTZ40IP30X					
<b>Camera</b>					
Sensor	1/1.8", 2.0 megapixel, progressive scan, CMOS				
Min. Illumination	Colour: 0.002 Lux (F1.5, AGC ON) 0 Lux with IR				
Day/Night	IR-cut filter with auto switch (ICR)				
Shutter	Auto, 1 ~ 1/100000s				
WDR	140dB				
S/N	≥70dB				
<b>Lens</b>					
Lens type	4.5 ~ 225 mm, AF automatic focusing and motorized zoom lens				
Digital Zoom	16				
Optical Zoom	36				
Iris	Auto; F1.5 ~ F4.0				
Angle of View (H)	53.0° ~ 2.3°				
Angle of View (V)	31.0° ~ 1.3°				
Angle of View (O)	64.5° ~ 2.6°				
<b>DORI</b>					
DORI Distance	Lens (mm)	Detect (m)	Observe (m)	Recognize (m)	Identify (m)
	4.5	105.8(346.9ft)	42.3(138.8ft)	21.2(69.4ft)	10.6(34.7ft)
	225	3172.5(10408.5ft)	1269.0(4163.4ft)	634.5(2081.7ft)	317.3(1040.8ft)
<b>Illuminator</b>					
IR Range	Up to 300M				
Wavelength	850nm				
Auto Exposure	Auto/Manual				
<b>Video</b>					
Video Compression	H.265+, H.265, H.264, MJPEG				
Frame Rate	Main Stream: 2MP(1920*1080),Max 60fps; Sub Stream: 2MP (1920*1080), Max 30fps; Third stream: 1.3mp (960P) Max 30fps				
Video Bit Rate	128 Kbps~16 Mbps				
H.264 Type	Baseline Profile/Main Profile/High Profile				
H.265 Type	Main Profile				
U-code	Support				
ROI	Up to 8 areas				
Video stream	Triple streams				
OSD	Up to 8 OSDs				
Privacy Mask	24 areas, up to 4 areas per scene				
<b>Image</b>					
White Balance	Auto/Outdoor/Fine Tune/Sodium Lamp/Locked/Auto2				
Digital noise reduction	2D/3D DNR				
Smart IR	Support				

Flip	Normal/Flip Vertical/Flip Horizontal/180°/90°Clockwise/90°Anti-clockwise
HLC	Support
BLC	Support
Defog	Digital Defog
<b>Audio</b>	
Audio Compression	G.711U, G.711A
Audio Bitrate	64 Kbps
Two-way Audio	Support
Suppression	Support
Sampling Rate	8 kHz
<b>Network</b>	
Protocols	IPv4, IPv6, IGMP, ICMP, ARP, TCP, UDP, DHCP, PPPoE, RTP, RTSP, RTCP, DNS, DDNS, NTP, FTP, UPnP, HTTP, HTTPS, SMTP, 802.1x, SNMP, QoS, RTMP,SSL/TLS
Compatible Integration	ONVIF (Profile S, Profile G, Profile T, Profile M), API,SDK
User/Host	Up to 32 users. 2 user levels: administrator and common user
Security	Password protection, strong password, HTTPS encryption, Export operation logs, basic and digest authentication for RTSP, digest authentication for HTTP, TLS 1.2, WSSE and digest authentication for ONVIF
Web Browser	Plug-in required live view: IE9+, Chrome 41 and below, Firefox 52 and below
<b>Pan &amp; Tilt</b>	
Pan Range	400° (endless)
Pan Speed	0.1°/s ~ 200°/s
	Preset speed: 400°/s
Tilt Range	-15° ~ 90° (auto reverse)
Tilt Speed	0.1°/s ~ 200°/s
	Preset speed: 320°/s
Number of Presets	1024
Patrol	Preset patrol, route patrol, recorded patrol
Patrol Stay Time	15s~1800s
Preset Image Freeze	Support
Home Position	Support
<b>Interface</b>	
Audio I/O	1/1
Alarm I/O	2/1
Serial Port	1 RS485
Built-in Mic	N/A
Built-in Speaker	N/A
WIFI	N/A
Network	1 * RJ45 10M/100M Base-TX Ethernet
Video Output	1 BNC
<b>Certification</b>	
EMC	FCC CFR 47 Part 15 EN 55032:2015 EN 55024:2010 EN 61000-3-2:2014 EN 61000-3-3-2013
Safety	IEC 62368-1

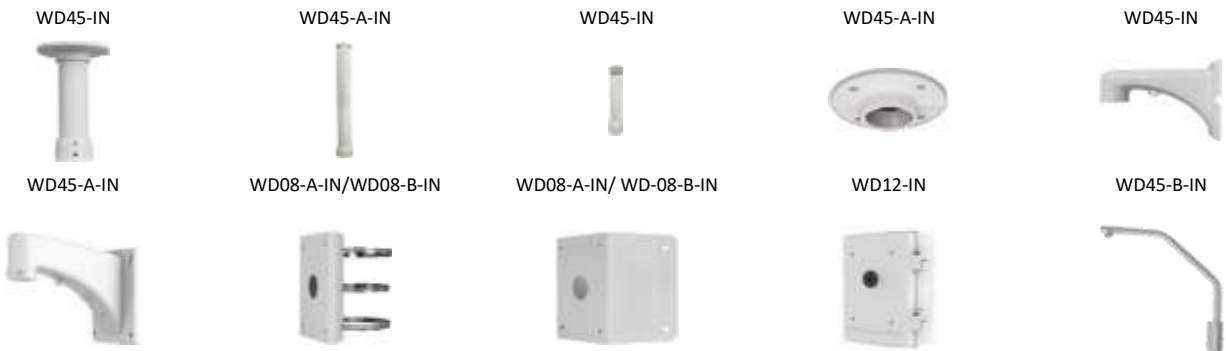


	EN 62368-1
Environment	CE-ROHS (2011/65/EU;(EU)2015/863);
Protection	Ingression protection: IP66 (IEC 60529-2013)
<b>General</b>	
Power	AC 220-230V, , DC 12V±25%, PoE+ (IEEE802.3 at)
	Power consumption: Max 25W
Power Interface	Wires with cold-pressed terminal
Dimensions (Ø x H)	Ø227 x 384.8mm (Ø8.9" x 15.1")
Weight	5.28kg(11.64lb)
Working Environment	-40°C~65°C(-40°F ~ 149°F), ≤95%RH
Storage Environment	-40°C~70°C(-40°F ~ 158°F), ≤95%RH
Surge protection	6KV
Vandal Resistant	Yes
Ingress Protection	IP67
Certification	BIS, CE, FCC, RoHS, NEMA 4X




## Dimensions



## Accessories





Pendent Mount (Indoor Use)	Pole Mount
CE45-IN; WD45-A –IN +WDE45-A-IN/WD45-IN	WD45-IN/WD45-A-IN+WD08-A-IN/WD08-B-IN+WD12-IN
	
Corner Mount	/
WD45-IN/WD45-A-IN+WD08-A-IN/ WD08-B-IN+WD12-IN	/
	/

For More Information  
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