

# 4MP 25x Lighthunter Network PTZ Dome Camera

DEC7424HF-X25P



## Key Features



- High quality image with 4MP, 1/2.8" CMOS sensor
- 2688\*1520@30fps in the main stream
- Ultra 265, H.265, H.264, MJPEG
- Triple streams
- 25X Optical Zoom
- Lighthunter technology ensures ultra-high image quality in low illumination environment
- Smart IR, up to 100m (328ft) IR distance
- DC 12V±25% or PoE+ (IEEE 802.3at)
- Alarm 2 in and 1 out, Audio 1 in and 1 out
- IP67 ingress protection
- IK10 vandal resistant

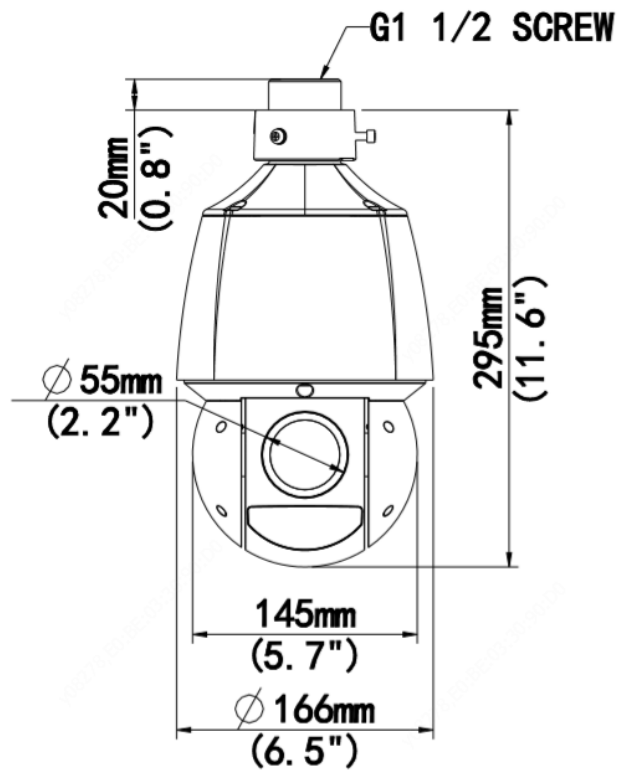
## Specifications

DEC7424HF-X25P					
<b>Camera</b>					
Sensor	1/2.8", 4.0 megapixel, progressive scan, CMOS				
Min. Illumination	Colour: 0.003 Lux (F1.5, AGC ON) 0 Lux with IR				
Day/Night	IR-cut filter with auto switch (ICR)				
Shutter	Auto/Manual, 1 ~ 1/100000s				
WDR	120dB				
S/N	>56dB				
<b>Lens</b>					
Lens type	4.8 ~ 120mm, AF automatic focusing and motorized zoom lens				
Digital Zoom	16				
Optical Zoom	25				
Iris	Auto; F1.5 ~ F3.8				
Angle of View (H)	52.20°~2.74°				
Angle of View (V)	30.81°~1.54°				
Angle of View (O)	64.20°~3.23°				
<b>DORI</b>					
DORI Distance	Lens (mm)	Detect (m)	Observe (m)	Recognize (m)	Identify (m)
	4.8	119.3(391.2ft)	47.7(156.5ft)	23.9(78.2ft)	11.9(39.1ft)
	120	2475.0(8120.1ft)	990.0(3248.0ft)	495.0(1624.0ft)	247.5(812.0ft)
<b>Illuminator</b>					
IR Range	Up to 100m (328 ft) IR range				
Wavelength	850nm				
IR On/Off Control	Auto/Manual				
<b>Video</b>					
Video Compression	Ultra 265, H.265, H.264, MJPEG				
Frame Rate	Main Stream: 4MP(2688*1520), Max 30fps; Sub Stream: 2MP (1920*1080), Max 30fps; Third Stream: D1 (720*576), Max 30fps;				
Video Bit Rate	128 Kbps~16 Mbps				
U-code	Support				
ROI	Support				
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>Events</b>	
Basic Detection	Motion detection, Audio detection, Tampering Alarm
Auto Tracking	Support
General Function	Watermark, IP Address Filtering, Alarm input, Alarm output, Access Policy, ARP Protection, RTSP Authentication, User Authentication
<b>Audio</b>	
Audio Compression	G.711U,G.711A
Audio Bitrate	64 Kbps
Two-way Audio	Support
Suppression	Support
Sampling Rate	8 kHz
<b>Storage</b>	
Edge Storage	Micro SD, up to 256 GB
Network Storage	ANR,NAS(NFS)
<b>Network</b>	
Protocols	IPv4, 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), 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
Client	DStation DView
Web Browser	Plug-in required live view: IE9+, Chrome 41 and below, Firefox 52 and below
<b>Pan &amp; Tilt</b>	
Pan Range	360° (endless)
Pan Speed	0.1°/s ~ 200°/s
	Preset speed: 240°/s
Tilt Range	-15° ~ 90° (auto reverse)
Tilt Speed	0.1°/s ~ 120°/s
	Preset speed: 200°/s
Number of Presets	1024
Preset Patrol	16 patrols, up to 64 presets for each patrol
Route Patrol	16 patrols, up to 32 actions for each patrol
Recorded Patrol	16 patrols, up to 128 actions for each 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 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 UL 60950-1
Environment	CE-ROHS (2011/65/EU;(EU)2015/863); WEEE (2012/19/EU); REACH (Regulation (EC) No 1907/2006)
<b>General</b>	
Power	DC12V(±25%,3A), PoE+(IEEE 802.3at)
	Power consumption: MAX 21W
Power Interface	Ø 5.5mm coaxial power plug
Dimensions (Ø x H)	Ø166 x 295mm (Ø6.5" x 11.6")
Weight	3.05kg(6.72lb)
Working Environment	-40°C~70°C(-40°F ~ 158°F), Humidity: ≤95% RH (non-condensing)
Storage Environment	-40°C~70°C(-40°F ~ 158°F), Humidity: ≤95% RH (non-condensing)
Surge Protection	6KV
Reset Button	Support
Protection	Ingression protection: IP67 Vandal resistant: IK10

## Dimensions



## Accessories

TR-CE45-IN



TR-SE45-IN



TR-WE45-IN



TR-UP08-A-IN/TR-UP08-B-IN



TR-UF45-A-IN



TR-UC08-A-IN/ TR-UC08-B-IN



TR-JB12-IN



TR-WE45-B-IN

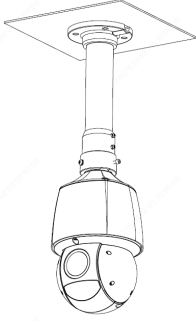
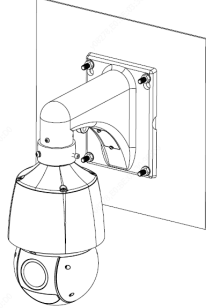


TR-SE45-A-IN



TR-WE45-A-IN



<p>Pendent Mount (Indoor Use)</p>	<p>Wall Mount</p>
<p>TR-CE45-IN</p>	<p>TR-WE45-IN / TR-WE45-A-IN</p>
	
<p>Corner Mount</p>	<p>Pole Mount</p>
<p>TR-UC08-A-IN + TR-JB12-IN + TR-WE45-IN</p>	<p>TR-UP08-A-IN + TR-JB12-IN + TR-WE45-IN</p>
