

SPRO[®]**IP**

DHIPPTZ20-12X-F

2 Megapixel 1080P PTZ Dome Camera
12x Optical Zoom



STARLIGHT



Key Features:

- Powerful 12x optical zoom
- Support dual-streams encoding
- Max. 25fps@1080P(1920 X1080) or 50fps@720P resolution
- WDR, Day/Night (ICR), DNR (2D&3D), Auto iris, Auto focus, AWB, AGC, BLC
- Max 300°/s pan speed, 360° continuous pan rotation
- Up to 300 presets, 5 auto scan, 8 tour, 5 pattern
- 2 alarm in & 1 alarm out
- Support intelligent 3D positioning on SPRO HDCVI DVRs and NVRs
- AC24V 1.5A/POE+



SPECIFICATIONS

Model Number	DHIPPTZ20-12X-F
Image Sensor	1/2.8" STARVIS CMOS
Effective Pixels	1920(H) x 1080(V), 2Megapixels
RAM/ROM	1024M/128M
Scanning System	Progressive
Electronic Shutter Speed	1/1 ~ 1/30,000s
Min. Illumination	Color: 0.05Lux@F1.6; B/W: 0.005Lux@F1.6
S/N Ratio	More than 50dB
Resolution	1080P@25fps
Video Output	1XRJ45

(continued)

Lens

Focal Length	5.3mm~64mm
Max Aperture	F1.6~ F4.4
Angle of View	H: 58.2° ~ 4.8°
Optical Zoom	12x
Focus Control	Auto / Manual
Close Focus Distance	100mm~ 1000mm

PTZ

Pan/Tilt Range	Pan: 0° ~ 360° endless; Tilt: -2° ~ 90°,auto flip 180°
Manual Control Speed	Pan: 0.1° ~300° /s; Tilt: 0.1° ~120° /s
Preset Speed	Pan: 300° /s; Tilt: 200° /s
Preset	300
PTZ Mode	5 Pattern, 8 Tour, Auto Pan, Auto Scan
Speed Setup	Human-oriented focal length/ speed adaptation
Power up Action	Auto restore to previous PTZ and lens status after power failure
Idle Motion	Activate Preset/ Scan/ Tour/ Pattern if there is no command in the specified period
Protocol	DH-SD

Intelligence

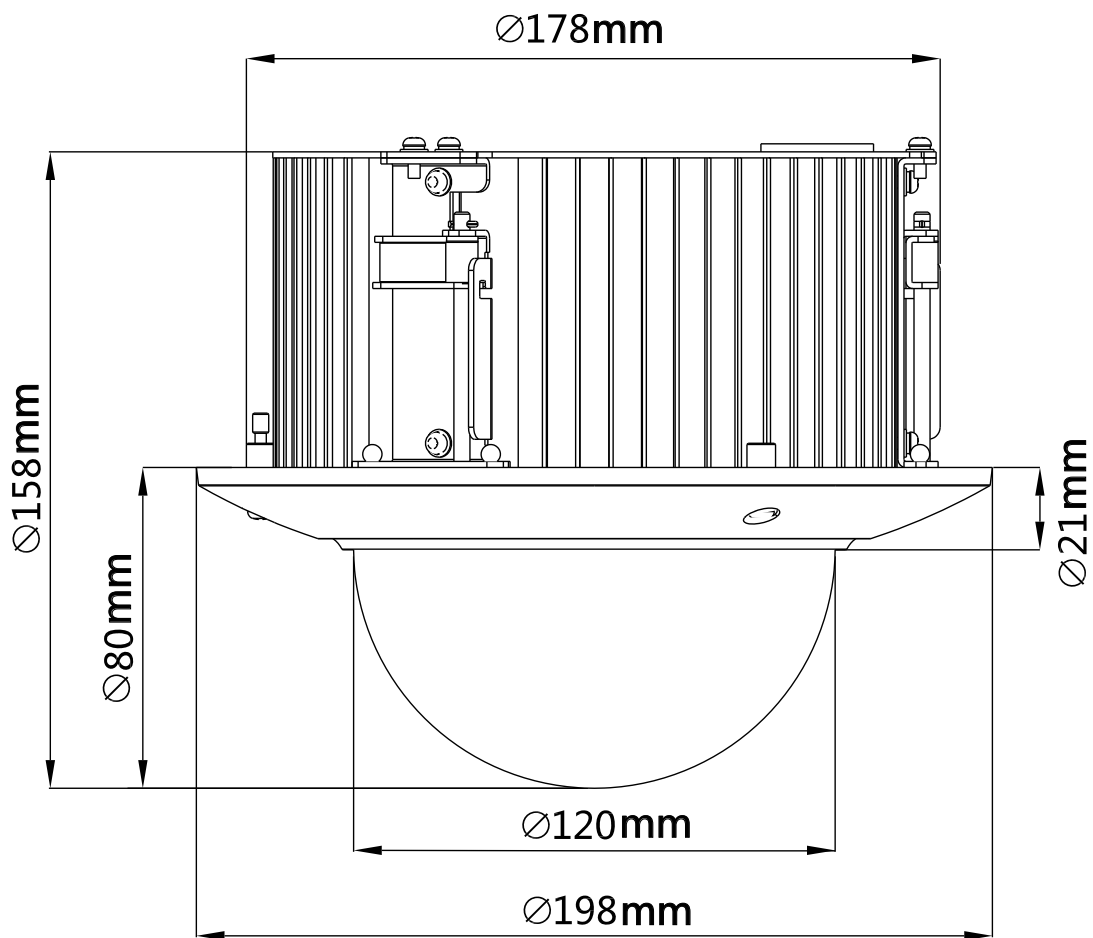
Event Trigger	Motion detection, Video tampering, Network disconnection, IP address conflict, Illegal access, Storage anomaly
IVS	Tripwire, Intrusion, Abandoned/Missing
Advanced Intelligent Functions	Face Detection

Video

Compression	H.265+/H.265/H.264+/H.264	
Streaming Capability	3 Streams	
Resolution	1080P(1920×1080)/720P(1280×720)/D1(704×576/704×480)/ CIF(352×288/352×240)	
Frame Rate	Main Stream	1080P/720P(1 ~ 25fps)
	Sub Stream	D1/CIF(1 ~ 25fps)
Bit Rate Control	CBR/VBR	
Bit Rate	H.265/H.264: 448K ~ 8192Kbps	

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Day/Night	Auto(ICR) / Color / B/W
Backlight Compensation	BLC / HLC / WDR(120dB)
White Balance	Auto, ATW, Indoor, Outdoor, Manual
Gain Control	Auto / Manual
Noise Reduction	Ultra DNR (2D/3D)
Motion Detection	Support
Region of Interest	Support
Defog	Support
Digital Zoom	16x
Flip	180°
Privacy Masking	Up to 24 areas
Audio	
Compression	G.711a/G.711Mu/G.726/AAC
Network	
Ethernet	RJ-45 (10XBase-T/100Base-TX)
Protocol	IPv4/IPv6, HTTP, HTTPS, SSL, TCP/IP, UDP, UPnP, ICMP, IGMP, SNMP, RTSP, RTP, SMTP, NTP, DHCP, DNS,PPPOE,DDNS,FTP, IP Filter,QoS, Bonjour,802.1x
Compatibility	ONVIF 2.4
Streaming Method	Unicast / Multicast
Max. User Access	20 users
Smart Phone	iPhone, iPad & Android
Interface	
Audio I/O	1/1
Alarm I/O	2/1
General	
Power Supply	AC24V/1.5A(±10%), POE+(802.3at)
Power Consumption	10W
Working Environment	-30°C ~ 60°C / Less than 90% RH
Ingress Protection	N/A
Vandal Resistance	N/A
Dimensions	Φ198(mm) x 158(mm)
Weight	3.3Kg



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