

SPRO[®] IP

DHIPPTZ20/20XR

2Megapixel 1080P IR PTZ Dome Camera
 20x Optical Zoom, 100M IR



Key Features:

- 20x optical zoom
- Max. 25fps@1080P(1920x1080) or 50fps@720P resolution
- DWDR, Day/Night(ICR), Ultra DNR, Auto iris, Auto focus
- Multiple network monitoring: Web viewer & CMS(SPRO CSS)
- Max 400°/s pan speed, 360° endless 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
- IP66
- AC24V 3A/POE+
- IR Distance up to 100m



SPECIFICATIONS

Model Number	DHIPPTZ20/20XR
Image Sensor	1/2.8" CMOS
Effective Pixels	1944(H) x 1092(V), 2Megapixels
Scanning System	Progressive
Electronic Shutter Speed	1/3 ~ 1/30,000s
Min. Illumination	Color: 0.05Lux@F1.4
B/W	0.005Lux@F1.4
S/N Ratio	More than 55dB
Camera Features	
Day/Night	Auto(ICR) / Color / B/W

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Backlight Compensation	BLC / HLC / DWDR (Digital WDR)	
White Balance	Auto, ATW, Indoor, Outdoor, Manual	
Gain Control	Auto / Manual	
Noise Reduction	Ultra DNR (2D/3D)	
Privacy Masking	Up to 24 areas	
Digital Zoom	16x	
Lens		
Focal Length	4.7mm ~ 94.0mm (20x Optical zoom)	
Max Aperture	F1.4 ~ F2.6	
Focus Control	Auto / Manual	
FOV-H	H: 56.1° ~ 3.1°	
Close Focus Distance	100mm ~ 1000mm	
PTZ		
Pan/Tilt Range	Pan: 0° ~ 360° endless; Tilt: -15° ~ 90°, auto flip 180°	
Manual Control Speed	Pan: 0.1° ~ 300° /s; Tilt: 0.1° ~ 200° /s	
Preset Speed	Pan: 400° /s; Tilt: 300° /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/ Pan/ Scan/ Tour/ Pattern if there is no command in the specified period	
Protocol	DH-SD, Pelco-P/D (Auto recognition)	
IR Distance	100m	
Video		
Compression	H.264 / MJPEG	
Resolution	1080P(1920×1080) / 720P(1280×720) / D1(704×576/ 704×480) / CIF (352×288/352×240)	
Frame Rate	Main Stream	1080P/ D1 (1 ~ 25/30fps), 720P(1~50/60fps)
	Sub Stream 1	D1/CIF(1 ~ 25/30fps)
	Sub Stream 2	720P/ D1/ CIF (1 ~ 25/30fps)
Bit Rate	H.264: 448K ~ 8192Kbps, MJPEG: 5120K ~ 10240Kbps	

Audio

Compression G.711a / G.711Mu(32kbps)/ PCM(128kbps)

Interface 1/1 channel In/Out

Intelligent Function

IVS (optional) Tripwire, Intrusion, Abandoned Object Detection,
Missing Object Detection

Face Detection Support

Network

Ethernet RJ-45 (10/100Base-T)

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

Max. User Access 20 users

Smart Phone iPhone, iPad & Android

Auxiliary Interface

Alarm 2/1 channel In/Out

General

Power Supply AC24V 3A, POE plus(802.3at)

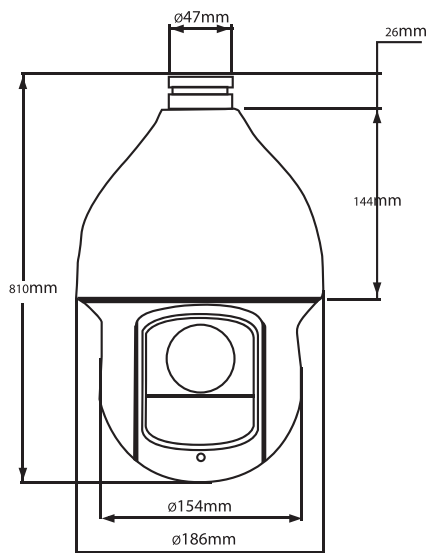
Power Consumption 13W, 23W (IR on)

Working Environment -40°C ~ 70°C / Less than 90% RH

Ingress Protection IP66

Dimensions Ø186.0(mm) x 309(mm)

Weight 3.5kg



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