

SPRO[®]**IP**

DHIPPTZ20-12X

2 Megapixel 1080P PTZ Dome Camera
12x Optical Zoom



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
- IP66
- AC24V 1.5A/POE+

SPECIFICATIONS

| | |
|---------------------------------|--------------------------------|
| Model Number | DHIPPTZ20/12X |
| Image Sensor | 1/2.8" CMOS |
| Effective Pixels | 1944(H) x 1092(V), 2Megapixels |
| Horizontal Resolution | >1000TVL |
| Scanning System | Progressive |
| Electronic Shutter Speed | 1/3 ~ 1/30,000s |
| Min. Illumination | Color: 0.05 Lux/F1.6 |
| B/W | 0.005Lux@F1.6 |
| S/N Ratio | More than 55dB |

(continued)

Camera Features

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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 | 2D / 3D |
| Privacy Masking | Up to 24 areas |
| Digital Zoom | 16x |

Lens

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|-----------------------------|----------------------------------|
| Focal Length | 5.1 mm~61.2mm (12x Optical zoom) |
| Max Aperture | F1.6~ F3.0 |
| Focus Control | Auto / Manual |
| FOV-H | H: 59.3° ~ 5.2° |
| Close Focus Distance | 100mm ~ 1000mm |

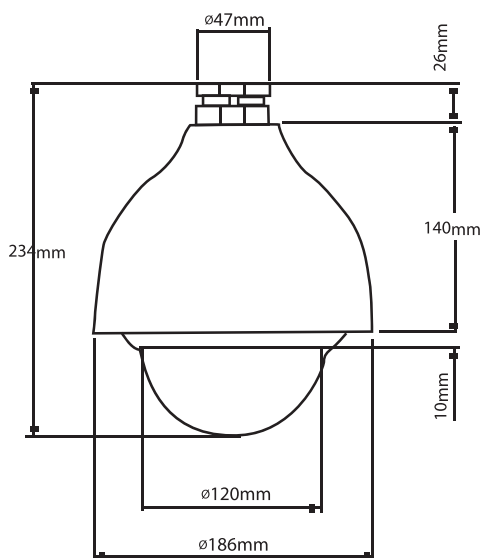
PTZ

| | |
|-----------------------------|---|
| 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(DH-SD) |
| PTZ Mode | 5 Pattern, 8 Tour, 5 Auto Scan, Auto Pan |
| 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 |

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: 56K ~ 20480Kbps | |

| | |
|-----------------------------|---|
| Audio | |
| Compression | G.711a / G.711u (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 | Pv4/IPv6, HTTP, HTTPS, SSL, TCP/IP, UDP, UPnP, ICMP, IGMP, SNMP, RTSP, RTP, SMTP, NTP, DHCP, DNS, PPPOE, DDNS, FTP, IP Filter, QoS, Bonjour |
| 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/1.5A ($\pm 10\%$), POE plus (802.3at) |
| Power Consumption | 12W, 22W(Heater on) |
| Working Environment | -40°C ~ 60°C / Less than 90% RH |
| Ingress Protection | IP66 |
| Dimensions | Ø186mm×234mm |
| Weight | 2.3Kg |



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