

SPRO®

DHPTZ20/12XR

2 Megapixel HDCVI IR PTZ Camera
 12x Optical Zoom, 100M IR (Smart IR)



Key Features:

- 12x optical zoom
- 1080P@25fps(1920x1080)
- DWDR, Day/Night(ICR), Ultra DNR, Auto iris, Auto focus
- Max 400°/s pan speed, 360° endless pan rotation
- PTZ control over coaxial cable, long distance real-time transmission
- Up to 300 presets, 5 auto scan, 8 tour, 5 pattern
- Built-in 2/1 alarm in/out
- Intelligent 3D positioning & Zoom using mouse control
- IR Distance up to 100m
- IP66



SPECIFICATIONS

Model Number	DHPTZ20/12XR
Image Sensor	1/2.8" Exmor CMOS
Effective Pixels	1920(H) x 1080(V), 2Megapixels
Horizontal Resolution	≥1000TVL
Scanning System	Progressive
Electronic Shutter Speed	1/1 ~ 1/30,000s
Min. Illumination	Color: 0.05Lux@F1.6; B/W: 0.005Lux@F1.6; 0Lux (IR on)
S/N Ratio	More than 50dB
Resolution	1080P@25fps
Video Output	1-channel BNC HDCVI high definition video output

(continued)

Camera Features

Day/Night	Auto(ICR) / Color / B/W
Backlight Compensation	BLC / HLC / DWDR (Digital WDR)
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

Focal Length	5.1mm~61.2mm (12x Optical zoom)
Max Aperture	F1.6~ F3.0
Focus Control	Auto / Manual
Angle of View	51.3° ~ 4.64°

PTZ

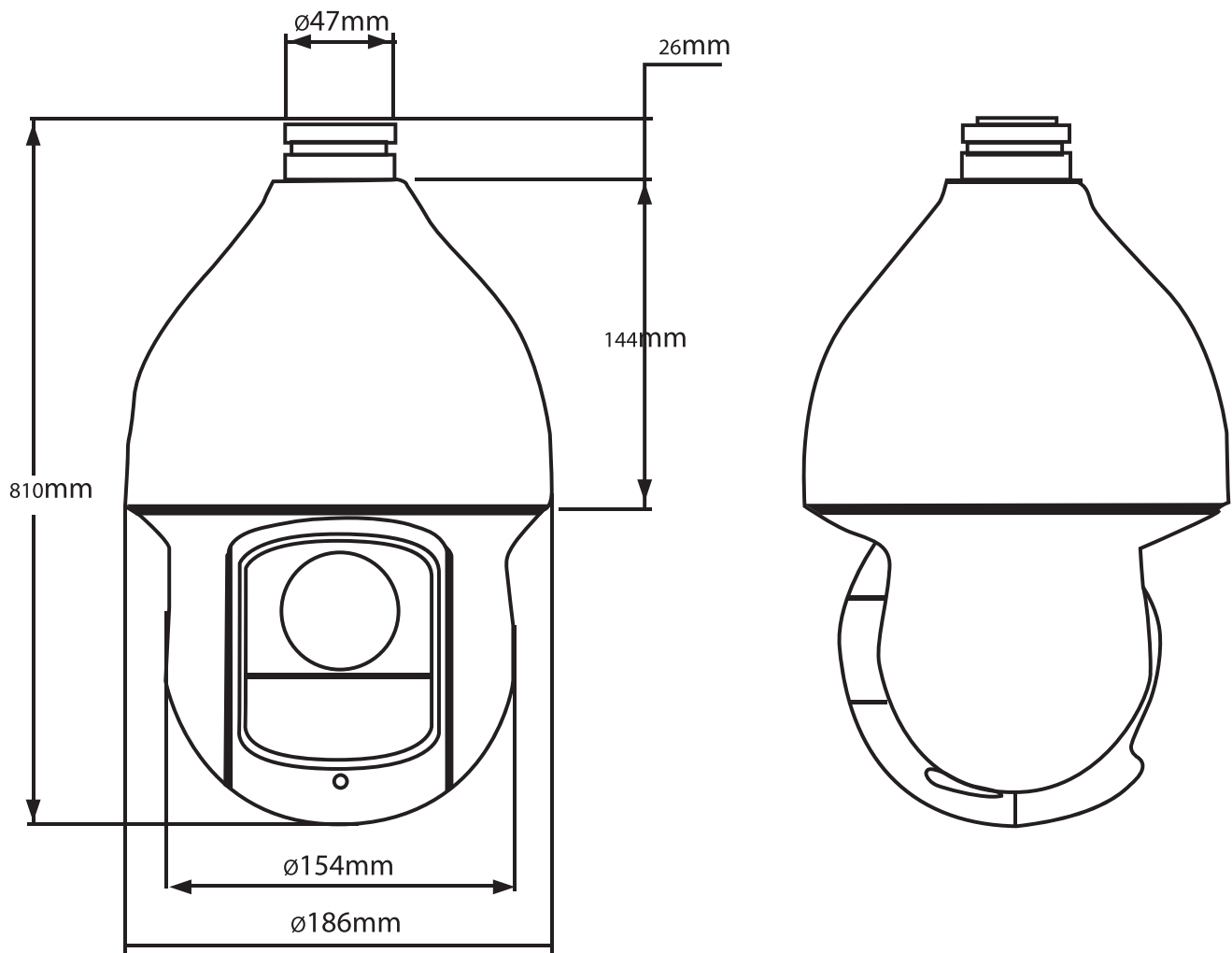
Pan/Tilt Range	Pan: 0° ~ 360° endless; Tilt: -15° ~ 90°, auto flip 180°
Manual Control Speed	Pan: 0.1° ~300° /s; Tilt: 0.1° ~200° /s
Preset Speed	Pan: 400° /s; Tilt: 300° /s
Preset	300(DH-SD),255(Pelco-P/D)
PTZ Mode	5 Pattern, 8 Tour, Auto Pan, Auto Scan
Speed Setup	Human-oriented focal length/ speed 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, Pelco-P/D (Auto recognition)
IR Distance	100m

Audio

Interface	1 channel In
Auxiliary Interface	
RS485	1
Alarm	2/1 channel In/Out

General

Power Supply	AC24V/3A (±10%)
Power Consumption	12W, 25W (IR on)
Working Environment	-40°C ~ 70°C / Less than 90% RH
Ingress Protection	IP66
Dimensions	Ø186.0(mm) x 310(mm)
Weight	6.8Kg



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