

SPRO®

STARLIGHT

DHPTZ20/25XR-V3

2 Megapixel HDCVI IR PTZ Camera
25x Optical Zoom, 100M IR (Smart IR)
PTZ control over coax cable



2 MEGAPIXEL



4.8 ~ 120 MM



100m IR



1080 P



300 PRESETS



IP66



Key Features:

- 25x optical zoom
- 1080P@25fps(1920x1080)
- Starlight technology
- DWDR, Day/Night(ICR), Ultra DNR, Auto IRIS, Auto focus
- Max 240°/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 (Smart IR)
- IP66



SPECIFICATIONS

Model Number	DHPTZ20/25XR-V3
Image Sensor	1/2.8" 2Megapixel STARVIS CMOS
Effective Pixels	1920(H) x 1080(V), 2Megapixels
ROM	16 MB
RAM	256 MB
Scanning System	Progressive
Electronic Shutter Speed	1/3 s-1/100000 s
Min. Illumination	Color: 0.005Lux@F1.6; B/W: 0.0005 Lux@F1.6; 0Lux@F1.6 (IR on)
Illumination Distance	100 m (328.08 ft)
Illuminator On/Off Control	Auto/ Manual
Illuminator Number	6

(continued)

Lens

Focal Length	4.8mm~120mm
Max Aperture	F1.6~ F3.5
Field of View	H: 58.5°~2.8°; V: 33.2°~1.5°; D: 67.5°~3.2°
Optical Zoom	25x Optical zoom
Focus Control	Auto/ Semi-Auto/ Manual
Close Focus Distance	0.1 m~1.5 m (0.33 ft~4.92 ft)
Iris Control	Auto/Manual
DORI Distance	Detect:1655.2m/Observe:656.8m/Recognize:331.0m/Identify:165.5m

PTZ

Pan/Tilt Range	Pan: 0° ~ 360° endless; Tilt: -15° ~ 90°, auto flip 180°
Manual Control Speed	Pan: 0.1° ~200° /s; Tilt: 0.1° ~120° /s
Preset Speed	Pan: 240° /s; Tilt: 200° /s
Presets	300
Tour	8 (up to 32 presets per tour)
Pattern	5
Scan	5
Speed Adjustment	Support
Power-off Memory	Support
Idle Motion	Preset/Tour/Pattern/Scanning
Protocol	DH-SD, Pelco-P/D (Auto recognition)

Video

Resolutio	1080P (1920 × 1080); 720P (1280 × 720); D1 (704 × 576/704 × 480)
Frame Rate	1080P (25/30 fps), 720P (25/30/50/60 fps)
Day/Night	Support
BLC	Support
WDR	120 dB
HLC	Support
White Balance	Auto/ Indoor/ Outdoor/ Tracking/ Manual/ Sodium lamp/ Natural light/ Street lamp
Gain Control	Auto/Manual
Noise Reduction	2D/3D
Defog	Electronic

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Digital Zoom	16x
Flip	0°/180°
Privacy Masking	Up to 24 areas
CVI Product Output Mode	CVI; TVI; AHD; CVBS
Audio	
Compression	G.711a; G.711Mu
Port	
Audio Input	1 (LINE IN; bare wire)
Alarm Input	2
Alarm Output	1
General	
Power Supply	DC 12V/3A ± 10%
Power Consumption	9.6 W, 23.2 W (IR light on, PTZ)
Operating Temperature	-40°C ~ 70°C
Operating Humidity	≤ 95%RH
Protection	IP66; TVS 6000V lightning protection; surge protection
Dimensions	295.4 mm × Φ160.0 mm
Net Weight	3Kg
Gross Weight	4.2 kg

