

## HNP302A-IR/30X auto tracking



### Features

## HNP302A-IR/30X auto tracking

- 1/3" Progressive Scan CMOS
- 30X optical zoom, 16X digital zoom
- Smart Tracking, Defog, ROI encoding, HLC
- Smart IR, 120m IR distance
- 3-Streams
- True Day/Night, 3D DNR, Digital WDR
- 3D intelligent positioning
- 24VAC / High-PoE power supply

### Specifications

Image Sensor:	1/2.8" Progressive Scan CMOS
Effective Pixels:	1320K pixels
Min. Illumination:	Color: 0.05Lux (F1.6, AGC ON), B/W: 0.005Lux@(F1.6, AGC On); 0 Lux with IR
White Balance:	Auto/Manual/ATW/Indoor/Outdoor/Daylight lamp/Sodium lamp
AGC:	Auto/Manual
S/N Ratio:	>50dB
Day & Night:	IR Cut Filter
Digital Zoom:	16X
Privacy Masking:	Up to 24 zones, maximum 8 zones on a same image, multiple colors and mosaics optional
Backlight Compensation:	HLC/BLC

Specifications	
Digital Noise Reduction:	3D DNR
Wide Dynamic Range:	Digital WDR
Shutter Speed:	50Hz: 1~1/30,000s; 60Hz: 1~1/30,000s
Focus Mode:	Auto/Semiautomatic/Manual
Enhancement:	Smart Defog: on/off
Focal Length:	4.3 ~ 129.0mm, 30x
Zoom Speed:	Approx.3s(Optical Wide-Tele)
Angle of View:	57.4 ~ 2.8degree (Wide-Tele)
Min. Working Distance:	10 ~ 1,500mm (Wide-Tele)
Aperture Range:	F1.6 ~ F5.0
Smart Tracking:	Support
Pan / Tilt Range:	Pan: 360° endless; Tilt: -2° ~ 90° (Auto-Flip)
Pan / Tilt Speed:	Pan Manual Speed: 0.1° ~ 160° /s, Pan Preset Speed: 160° /s Tilt Manual Speed: 0.1° ~ 120° /s, Tilt Preset Speed: 120° /s
Proportional Zoom:	Rotation speed can be adjusted automatically according to zoom multiples
Number of Preset:	256
Patrol:	8 patrols, up to 32 presets per patro
Pattern:	4 patterns, with the recording time not less than 10 minutes per pattern
Power-off Memory:	Support
Park Action:	Preset/Patrol/Pattern/Pan scan/Tilt scan/Random scan/Frame scan, Panorama scan
PTZ Position Display:	On/Off
Preset Freezing:	Support
Scheduled Task:	Preset/Patrol/Pattern/Pan scan/Tilt scan/Random scan/Frame scan/Panorama scan/Dome reboot/Self-test/Alarm output
Smart IR:	Support
IR Distance:	Up to 600 ft
IR Intensity:	Automatically adjusted, depending on the zoom ratio
Alarm Input:	7
Alarm Output:	2 relay outputs, alarm response actions configurable
Alarm Action:	Preset, Patrol, Pattern, SD/SDHC card recording, Relay output, Notification on Client
Video Output:	1.0V[p-p]/75, PAL/NTSC composite, BNC
Audio Input:	Audio input (LINE input), 2~2.4[p-p]; output impedance: 1K, ±10%
Audio Output:	Line level, impedance: 600
Ethernet:	10Base-T/100Base-TX, RJ45 connector
Max. Image Resolution:	1920×1080

Specifications	
Frame Rate:	60Hz: 30 fps (1920 x 1080), 30 fps (1280 x 960) 30 fps (1280 x 720)
Image Compression:	H.264/MPEG4, H.264 encoding with Baseline/Main/High profile
ROI encoding:	Support 24 areas with adjustable levels
Audio Compression:	G.711u/G.711a/G.726
Protocols:	IPv4/IPv6, HTTP, HTTPS, 802.1x, Qos, FTP, SMTP, UPnP, SNMP, DNS, DDNS, NTP, RTSP, RTP, TCP/IP, UDP, IGMP, ICMP, DHCP, PPPoE
Simultaneous Live View:	Up to 10
Streams:	Three Streams
Mini SD Memory Card:	Built-in SD/SDHC Slot, up to 32GB, support manual/alarm/edge recording
User/Host Level:	Up to 32 users, 3 Levels: Administrator, Camera control, Live view only
Security Measures:	User authentication (ID and PW), Host authentication (MAC address); IP address filtering
Application programming:	Open-ended API, support Onvif, PSIA and CGI
Web Browser:	IE 7, IE 8, IE 9, Chrome 8+, Firefox 3.5+, Safari 5+, support multi-language
RS-485 Protocols:	HIKVISION, Pelco-P, Pelco-D, self-adaptive
Working Temperature:	24VAC: -40°C~65°C (-40°F~149°F) High-PoE: -30°C~65°C (-22°F~149°F)
Humidity:	90% or less
Protection Level:	IP66 standard (outdoor dome) TVS 4,000V lighting protection, surge protection and voltage transient protection
Dimensions:	245x399mm (9.65"x15.71")
Weight (approx.):	5.5kg (12.13lbs)
Power:	24VAC: Max. 65W (heater: 45W) High-PoE: Max. 50W (heater: 20W)