



HNP112-IR



FEATURES

2MP 20X Mini Network IR PTZ Dome Camera

- 1/2.8" Progressive Scan CMOS
- 1080P Full HD resolution
- 20X Optical zoom, 16X digital zoom
- Up to 300ft IR distance
- Day/Night, D WDR , 3D DNR
- 3D intelligent positioning
- 12VAC power supply and POE
- Compact-sized design

Specifications	
Model Number	HNP112-IR
Image sensor	1/2.8" Progressive Scan CMOS
Effective pixel	1920(H) ×1080(V)
Min. illumination	Color: 0.05 Lux@(F1.6, AGC On) ; B/W: 0.01Lux@(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	≥ 52dB
Digital noise reduction	3D DNR
Backlight compensation	HLC/BLC
Wide Dynamic Range	Digital WDR
Shutter speed	1/1 ~ 1/10,000s
Day & Night	IR Cut Filter

Specifications	
Digital zoom	16X
Focus mode	Auto / Semiautomatic / Manual
Privacy Mask	2 privacy masks programmable
Focal length	4.7 ~ 94mm, 20X
Zoom speed	Approx.1s (Optical Wide-Tele)
Angle of view	58.3~3.2 degree (Wide-Tele)
Min. working distance	10 ~1000mm (Wide-Tele)
Aperture range	F1.6 ~ F3.5
Pan / Tilt range	Pan: 360° endless; Tilt: -10° ~ 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 patrol
Park action	Pattern/Pan scan/Tilt scan/Frame scan/Panorama scan/Random scan
Power-off memory	Support
PTZ position display	Support
Preset freezing	Support
Scheduled task	Preset / Patrol / Pattern / Pan scan / Tilt scan / Random scan / Frame scan / Panorama scan/Dome reboot/Self-test action/Alarm output
Video output	1.0V[p-p] / 75Ω, PAL or NTSC composite, BNC
Audio input	1 Mic in/Line in interface, Line input: 2 ~ 2.4V[p-p]; output impedance: 1KΩ, ±10%
Audio output	1 Audio output interface, Line level, impedance: 600Ω
IR distance	Up to 300 ft
IR intensity	Automatically adjusted, depending on the zoom ratio
Ethernet	10Base-T / 100Base-TX, RJ45 connector
Max. image resolution	1920×1080
Frame rate	50Hz: 25 fps (1920×1080), 25 fps (1280×720); 60Hz: 30 fps (1920×1080), 30 fps (1280×720)
Image compression	H.264/MJPEG
Audio compression	G.711u /G.711a /G.726 /MP2L2
Protocols	IPv4/IPv6, HTTP, HTTPS, 802.1X, QoS, FTP, SMTP, UPnP, SNMP, DNS, DDNS, NTP, RTSP, RTP, TCP, UDP,IGMP, ICMP, DHCP, PPPoE
Simultaneous live view	Up to 6
Streams	Dual streams
SD memory card	Built-in micro SD card slot, up to 128GB
User/Host Level	Up to 32 users, 3 Levels: Administrator, Operator, User
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+, Chrome 18+, Firefox 5.0+, Safari 5.02+

Specifications	
Power	12 VDC / POE, Max 20W
Working temperature	-30°C ~ 65°C (-22°F ~ 149°F)
Humidity	95% or less
Protection level	IP66 (outdoor model); TVS 4,000V lightning protection, surge protection and voltage transient protection
Dimensions	Φ155×235mm (Φ6.10"×9.25")
Weight	4.41 Lbs
Wall, Pendant Mount	W: HTH-602ZJ, P: HTH-661(2)ZJ
Pole, Corner Mount	P: HTH-602ZJ-POLE, C: HTH-602ZJ-CORNER