



HNP112-ODRE



FEATURES

2MP 4 Inch Network 4.7 – 94mm Vari-Focal Lens Recess Speed Dome

- High quality resolution: Up to 1920 x 1080
- Image Sensor: 1/2.8" Progressive Scan CMOS
- Video Compression: H.264/MJPEG
- Day & Night support with IRC
- 20 x Optical zoom, 16x digital zoom
- Wide Dynamic Range support
- 24 VAC/PoE+

Specifications	
Image Sensor	1/2.8" Progressive Scan CMOS
Effective Pixels	1920(H)x1080(V)
Video Format	PAL/NTSC
Minimum Illumination	Colour: 0.05Lux @(F1.6, AGC On) B/W: 0.01Lux @(F1.6, AGC On)
White Balance	Auto/Manual/ATW/Indoor/Outdoor/Daylight lamp/Sodium lamp
AGC	Auto/Manual
S/N Ratio	52dB
BLC	ON/OFF
HLC	Support
WDR	Support
Shutter Speed	50Hz: 1/3-1/30,000s 60Hz: 1/3-1/30,000s

Specifications	
Day & Night	IRC
Focal Length	4.7 - 94 mm, 20x
Angle of View	33.8-3.2 degree (Wide-Tele)
Minimum Working Distance	10-1000mm(Wide-Tele)
Aperture Range	F1.6-F3.5
Pan & Tilt Range	360°endless, ±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
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, Use
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+
Power	24VAC/PoE+(802.3at), Max18W
Working temperature	-30°C ~ 65°C (-22°F ~ 149°F)
Humidity	90% or less

Specifications	
Protection level	TVS 4,000V lightning protection, surge protection and voltage transient protection
Dimensions	6.50"×7.07"
Weight	4.41 Lbs