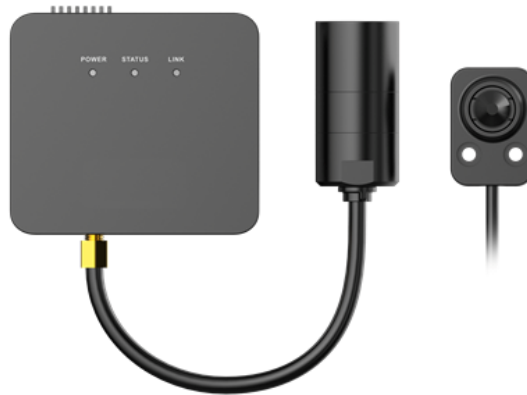


# HNA12-PHL



## FEATURES

### 2MP Covert Network Camera

- High quality imaging with 2 MP resolution
- Efficient H.265+ compression technology to save bandwidth and storage
- Clear imaging against strong back light due to 120 dB true WDR technology
- Audio and alarm interface available
- 3D DNR technology delivers clean and sharp images

Specifications	
Model Number	HNCA12-PHL
Image Sensor	1/2.8" Progressive Scan CMOS
Min. Illumination	Color: 0.005 Lux @(F1.2,AGC ON), 0.014 Lux @(F2.0,AGC ON)
Shutter Speed	1/3s ~ 1/100,000s
Slow Shutter	Support
Lens Type and FOV	L10: 3.7 mm: H 71.4°, V 39.4°, D 82.6° L20: 2.8 mm: H 88.6°, V 49.0°, D 100.4° 3.7 mm: H 71.4°, V 39.4°, D 82.6° L30: 2.8 mm: H 101.5°, V 54.8°, D 118.9° 4 mm: H 79.6°, V 42.9°, D 94.6° 6 mm: H 50.1°, V 28.8°, D 57.1°
Aperature	L10: 3.7 mm: F2.5 L20: 2.8 mm: F2.5 3.7 mm: F2.5 L30: 2.8 mm: F2.0 4 mm: F2.0 6 mm: F2.0
Lens Mount	M12
Day & Night	Electronicz
Image Enhancement	3D DNR, BLC
Wide Dynamic Range	120dB
Video Compression	Main stream: H.265/H.264 Sub-stream: H.265/H.264/MJPEG Third stream: H.265/H.264
H.264 Type	Baseline Profile / Main Profile / High Profile
Video Bit Rate	32 Kbps - 8 Mbps
Audio Compression	G.711ulaw/G.711alaw/G.722.1/G.726/MP2L2/PCM
Audio Bit Rate	64Kbps(G.711ulaw/G.711alaw)/16Kbps(G.722.1)/16Kbps(G.726)/32-192Kbps(MP2L2)

Specifications	
Max. Resolution	1920 x 1080
Frame Rate	60Hz: 30fps (1920 × 1080)
BLC	Support, zone optional
HLC	Support
Image Setting	Rotate mode, Saturation, Brightness, Contrast, Sharpness, Grayscale adjustable by client software or web browser
Day/Night Switch	Auto/Schedule/Triggered by Alarm In
ROI	Max. 4 ROI areas
Picture Overlay	128 x 128, BMP 24bit, zone configurable
Network Storage	NAS
Alarm Triggs	Motion detection, audio detection, face detection, dynamic analytic, tampering alarm, network disconnect, IP address conflict, storage exception, storage error
Protocols	TCP/IP, ICMP, HTTP, HTTPS, FTP, DHCP, DNS, DDNS, RTP, RTSP, RTCP, PPPoE, NTP, UPnP, SMTP, SNMP, IGMP, 802.1X, QoS, IPv6, Bonjour (SIP optional)
Security	Reset, flickerless, 3 streams, heartbeat, mirror, user authentication, video masking, watermark, anonymous log on, IP address filtering
Standard	ONVIF, PSIA, CGI
Audio	3.5mm Audio In (Mic in/Line in) / Line out
Communication Interface	1 RJ45 10M/100M Ethernet port/1 RS232
Alarm I/O	1/1
On-board storage	Built-in Micro SD/SDXC slot, up to 64 GB
Operating Conditions	-30 °C - 60 °C (-22 °F - 140 °F) Humidity 95% or less (non-condensing)
Power Supply	DC12V ± 10%, PoE (802.3af )
Power Consumption	12 VDC, 0.3 A, max. 3.6 W POE(802.3af, 36 V to 57 V), 0.2 A to 0.1 A, max. 4 W
Dimensions	Main Body: 77.5 × 69 × 26 mm (3.1" × 2.7" × 1.0") Main Body with Bracket: 82.3 × 72.6 × 33.5 mm (3.3" × 2.9" × 1.3") L10: Ø26 × 32.7 mm (Ø1.0" × 1.3") L20: 37 × 26 × 15.1 mm (1.6" × 1.0" × 0.6") L30: Ø26 × 51.4 mm (Ø1.0" × 2.0")
Weight	592g