



HS Series Features a
Full HD Pinhole IP Camera
(3.7mm - ZN1-V4FN4 or 2.8mm ZN1-V4FN4)

ONVIF
Profile (S) Compliant

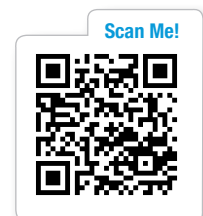
IP Height Strip Camera Series with GXi Technology



The HS Series features a full HD pinhole IP camera with GXi Technology maximizing the camera's surveillance capabilities by bringing an added feature set of Imbedded Intelligence and full video recording to SD card to this already full-featured camera. The Imbedded Intelligence provides analysis of video with application areas including intrusion detection, people counting and loitering detection, as well as camera tampering and failure detection.

Features:

- Full HD 1080p @ 30fps
- Easy and Flexible Installation
- Imbedded Intelligence Technology
- Image Rotation for vertically oriented space
- 3.7mm or 2.8mm Fixed Lens
- Digital Day/Night and WDR
- SDXC Edge Recording (up to 64GB)
- Power over Ethernet (IEEE 802.3af)
- Available in white, black and silver
- Metric and "dummy" models also available



MODEL	HSW-H28-4	HSW-H37-4	
Pinehole Camera Module	Image Sensor	1/3" 1080p CMOS	
	Effective Pixels	1920 x 1080	
	Scanning System	Progressive scanning	
	AGC control	Auto	
	Minimum Illumination	Color: 1.0 lux / BW: 0.007 lux (DSS ON)	Color: 1.4 lux / BW: 0.01 lux (DSS ON)
	Lens	2.8mm , F2.0	3.7mm , F2.5
	Field of View	Horizontal: Approx. 82° Vertical: Approx. 43°	Horizontal: Approx. 63° Vertical: Approx. 33°
	Day & Night Performance	Digital Day & Night	
	WDR	Digital WDR	
	DNR (Digital Noise Reduction)	Supported	
	DSS (Digital Slow Shutter)	2X ~ 16X	
	White Balance	ATW / Manual	
	BLC	On (possible to designate zone) / Off	
	DC auto Iris	Supported	
	IR LEDs	-	
Video	Compression Format	H.264 Baseline, Main, High profile (MPEG-4 Part 10 / AVC), MJPEG (Motion JPEG)	
	Number of Streams	Dual Stream, Configurable streams in H.264, MJPEG H.264: Controllable frame rate, bandwidth (VBR/CBR) MJPEG: Controllable frame rate, JPEG quality	
	Resolutions	1920 x 1080, 1280 x 720, 1120 x 630, 960 x 540, 800 x 450, 640 x 360, 480 x 270, 320 x 180	
	Frame rate	H.264: Max 30fps in all resolution MJPEG: Max 30fps in all resolution	
	Motion Detection	Supported	
	Text Overlay	-	
	Analog Output	Time stamp and text caption overlay	
Audio	Input	-	
	Output	-	
	Compression Format	-	
Function	DI	1 Channel	
	DO	1 Channel	
	RS-485	-	
	Network	10 / 100 Base-T	
	Protocol	QoS Layer 3 DiffServ, TCP/IP, UDP/IP, HTTP, HTTPS, RTSP, RTP, RTCP, RTP/UDP, RTP/TCP, mDNS, UPnP™, SMTP, DHCP, DNS, DynDNS, NTP, SNMPv1/v2c/v3(MIBII), IGMP, ICMP, SSLv2/v3, TLSv1	
	USB 2.0	-	
	SD Memory Card Slot	microSD slot (up to 64GB)	
Electrical	Power Source	12VDC, PoE	
	Power Over Ethernet	Supported (IEEE 802.3af)	
	Power Consumption (Approx.)	3W @ 12VDC	
Environmental	Operating Temperature (Not including cold start)	0°C ~ 40°C (32°F ~ 122°F)	
	Operating Humidity	Humidity up to 90% RH (non-condensing)	
Mechanical	Dimensions	1.7" W x 1.4" D x 34.1" H	
	Cable Length	20' / 6.1M	
	Colors	Standard color white (HSW-Hxx). Also available in black (HSB-Hxx) and silver (HSS-Hxx)	
	Weight (approx)	2 lbs. / 907g	
	Additional models	Metric models - HSx-Mxx-4, Dummy models - HSx-MD (x=color, xx=lens)	
Certifications	OnVIF Compliant (Profile S), FCC, CE		