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

## GANZ PixeIPro 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

**CBC** AMERICAS Corp.

Network Video Devices

# GANZ PixelPro with GXi TECHNOLOGY

## IP Height Strip Camera with GXi Technology

| 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, 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 | |

**GANZ**