ZN-Y11VPE

550 TVL Standard CS Mount IP Colour Camera (H.264)

H.264 · **D-1** · **550 TVL** · **VSoIP COMPATIBLE** · **DUAL STREAM** · **MOTION DETECTION** · **PoE** · **RS485** · **AUDIO IN / OUT** · **VIDEO ANALYSIS**

GANZ IP's range of Internal and Internal/External IP box type cameras are based on class leading H.264 compression engine, which provides crystal clear full frame rate video of D1 resolution at significantly low bit-rates. The range has been developed to be a part of GANZ IP's complete end to end IP Video Management solution. The range is broad spanning with Internal Colour/Mono, True Day/Night and True Day/Night Wide Dynamic Range options all offering 25/30 ips at full D1 resolution.

The ZN-Y11VPE is an electronic day/night camera based on the SONY 1/3" Super HAD CCD sensor with dual encoding and streaming functionality where two independent streams can be derived with different compression algorithms, bitrates, frame rates and resolutions. The units support H.264, MPEG4 and MJPEG compression as standard. The range boasts of onboard basic Video Content Analysis, Bi-directional audio, onboard micro-SD, onboard USB and digital input/output as standard. Advanced Video Content Analysis filters are available for this unit as an order option. The built-in Power-over-Ethernet support allows the camera to be powered directly from the network, with just a single CAT5/6 cable, reducing installation/maintenance time and costs.

Key Features

- Dual-stream H.264 video
- Super High Resolution of 550TVL
- Multi video resolution settings at up to D1
- Unicast or Multicast
- Multi-Digital Signal Processing
- Bi-direction Audio input and output

- Electronic Colour/Mono
- Direct Drive or Manual C/CS lens
- Serial communication port for PTZ controls
- Web Interface for live viewing and configuration
- Metal Body with top or bottom mount
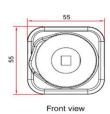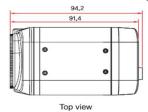- 1 Alarm Input / 1 Relay Output

V1.01

RoHS 2002/95/EC · CE · ISO 9001 REGISTERED FIRM

ZN-Y11VPE
Super high resolution IP camera

Specifications

Description / Model	ZN-Y11VPE
CAMERA MODULE	
Image Sensor	Sony 1/3" Super HAD CCD
Effective Pixels	752 x 582 (PAL)
Scanning System	2:1 Interlace
Horizontal Resolution	550 TVL
Minimum Illumination	0.3 Lux (50 IRE, AGC HIGH, DNR HIGH) 0.002 Lux (Sens-up X 128)
Lens	Direct Drive or Manual C/CS Mount (not supplied)
Colour/Mono	Electronic Day/Night
S/N Ratio	50dB (AGC Off)
Shutter Speed	1/60 ~ 1/120,000 (NTSC) 1/60 ~ 1/120,000 (PAL)
Gamma Correcttion	0.45
Gain Control	OFF / LOW / MIDDLE / HIGH
Synchronisation	Internal
Back Light Compensation	OFF / LOW / MIDDLE / HIGH
White Balance	AWB / ATW / AWC / MANUAL (1,800K ~ 10,500K)
Sens Up	OFF / AUTO
Digital Noise Reduction	OFF / LOW / MIDDLE / HIGH

AUDIO	
Audio Input	Linein, 1.43p-p(Min 1.35Vp-p, max 1.49 Vp-p) 39 Ohm
Audio Output	Lineout, 46mW Power, 16 Ohm
Compression Format	G.711
FUNCTION	
1 x Digital Input	TTL level 4.5V threshold, Max 50mA
1 x Digital Output	Max 500mA@24VAC or 1A@12VDC
RS-485/422, RS232C	RS-458/422:Yes, RS-232C: Yes
Network	10/100 Base-T
Protocol	TCP/IP, UDP/IP, HTTP, RTSP, RTCP, RTP/ UDP, RTP/TCP, SNTP, mDNS, UPnP, SMTP, SOCK, IGMP, DHCP, DDNS, SSL v2/ v3, IEEE 802.1X, SSH
USB Memory	Mini-B Plug
SD Memory	MicroSD (optional)

NB. Specification subject to change without notification

VIDEO	
Megapixel Compression	H.264 (ISO14496-10), MPEG-4 (ISO14496-2), MJPEG
Number of Streams	Dual Stream, Configurable
Resolution	D1, 4CIF, CIF, QCIF, VGA, QVGA
Compression FPS	25/30 fps@D1
Video Bitrates/Bandwidth	32 Kbps to 6 Mbps
Deinterlacing	Yes (DSP)
Motion Detection	Yes (DSP)
Burnt-in Text (Digital)	Yes (DSP)
Output	1 Loop Out (BNC Connector)

ELECTRICAL	
Power Source	12V DC (DC Jack)
Power over Ethernet	Yes (IEEE 802.3af)
Power Consumption	340 mA @ +12V (Approx)
Approvals	All A/C driven sources are U/L approved Certfications: CE/EN/FCC/NEMA 4 EN
ENVIRONMENTAL	
Operating Temperature	0°C ~ 50°C (32°F ~ 122°F)
Storage Temperature	-25°C ~ 70°C (-13°F ~ 158°F)
Operating Humidity	Up to 85% RH (Non-condensing)
MECHANICAL	
Material	Aluminum Die Casting
Colour	Grey
Dimension	55(W) x 55(H) mm, 94.2(D) mm
Weight (Approx)	270g (without lens)
MANAGEMENT	
Control	Intuitive Web Browser Interface/VSoIP
Video Content Filters (Included as Standard)	Motion Detection, Tamper Detection
High Performance	Advanced Tracking Algorithm, Low False Alarm Rate
Detection Zones	Multi-segment Polygons and Lines
On-screen Display	Real-time Display of Tracking Data and Events
VIDEO CONTENT ANALYSIS (Upgrade)	
Detection Behaviour	Direction, Stopping, Loitering, Entering, Exiting, Appear, and Disappear Filters
3D Behaviour	Perspective Corrected Size and Speed Filters
Statistics	Counters, Events, Incidents, Triggers, Alarms
IMAGE STABILISATION (Upgrade):	
Electronic Stabilisation	Removes Camera Sway
WARRANTY	3 Years
Warranty Period	3 Years

(Unit:mm)

Front view

Top view

V1.01

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