GANZ

ZN-PTZ500VPE

570 TVL Internal/External H.264 TDN PTZ IP Dome Camera

H.264 D-1

TRUE VSoIP COMPATIBLE

DUAL STREAM MOTION DETECTION

AUDIO IN / OUT VIDEO ANALYSIS

INTERNAL EXTERNAL SURFACE or FLUSH
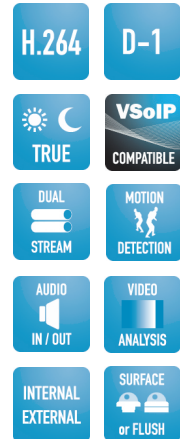
GANZ IP's range of Internal and Internal/External IP PTZ Dome cameras are based on class leading H.264 compression engine, which provides crystal clear full frame rate video of D1 resolution at significantly low bit-rates.

The ZNPTZ500VPE is an entry level 100x zoom (10x Opt, 10x Digital) true day/night camera based on the SONY 1/4" 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. With a 360Deg continuous rotation head and 128 presets this unit offers exceptional value for money.

The range boasts of mechanical IR cut filters for superior night time operation, onboard basic Video Content Analysis, Bi-directional audio, onboard micro-SD, 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

- H.264 Compression
- Super High Resolution of 570TVL
- 3.8 - 38.0mm 10x Motorised Zoom Lens
- D1, CIF, QCIF
- 25 ips@D1

- True Day/Night
- Audio G.711 Format
- Video Content Analysis
- MicroSD Memory
- Digital Alarm In/Out

V1.01

CBC GROUP

RoHS 2002/95/EC   CE

ISO 9001 REGISTERED FIRM

ZN-PTZ500VPE

Super high resolution TDN PTZ IP dome camera

Specifications

Description / Model	ZN-PTZ500VPE
CAMERA MODULE	
Image Sensor	Sony 1/4" Super HAD CCD, 410K Pixel
Effective Pixels	752 x 582 (PAL)
Scanning System	2:1 Interlace
Horizontal Resolution	570 TVL (B&W), 500 TVL (Colour)
Minimum Illumination	0.7 Lux (50 IRE): Day & Night Off (Color), 0.02 Lux (50 IRE): Day & Night On (B&W)
Lens	3.8 ~ 38.0 mm Motorised Zoom Lens
Colour/Mono	True Day/Night
DOME	
Pan Angle/Speed	360° Continous Rotation, 0.05° ~ 360°/sec
Tilt Angle Speed	0° ~ 90°, 0.1° ~ 90°/sec
Camera ID	255
Preset	128 Presets with Labels / Independant Preset Characteristic Setup
Auto Scan	8 Auto Scan
Guard Tour	8 Guard Tour (Preset, Pattern, Auto Scan, Tour Input)
Pattern	4 Patterns (Approx. 5 Minutes for Each Pattern)
On Screen Display (Analog)	Camera ID, Pan/Tilt Angle, Flip, Zoom etc

VIDEO	
Compression Format	H.264, MPEG-4, MJPEG
Number of Streams	Dual Stream, Configurable
Resolution	D1, CIF, QCIF, 2CIF
Compression FPS	25/30 FPS@D1
Deinterlacing	Support (DSP)
Motion Detection	Yes
Burnt-in Text (Digital)	Yes
Output	1 Loop Oup (BNC Coonector)

NB. Specification subject to change without notification

(Unit:mm)

Ø115.0 · Ø165.0 · Ø165.0 · 46.0
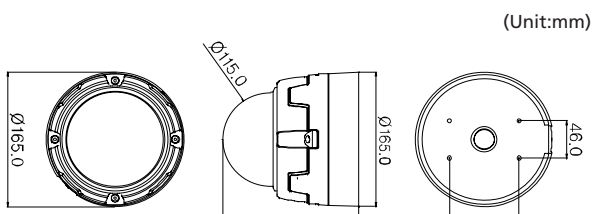
AUDIO	
Input	1 Channel
Output	1 Channel
Compression Format	G.711
FUNCTION	
Digital input	1 Channel
Digital Output	1 Channel

FUNCTION	
RS485/RS-232C	RS458 only
Network	10 / 100 Base-T
Protocol	TCP/IP, UDP/IP, HTTP, RTSP, RTCP, RTP/UDP, RTP/TCP, FTP, SNTP, mDNS, UPnP, SMTP, SOCK, IGMP, DHCP, DDNS, SSL, v2/v3, IEEE 802.1X, SSH
USB 2.0	Not Available
SD Memory	Support
ELECTRICAL	
Power Source	12V DC (Screw Terminal)
Power over Ethernet	Not Supported
Power Consumption (Approx)	850mA @ +12V
MECHANICAL	
Material	Aluminum Die Casting / Polycarbonate
Colour	Ivory
Dimension	Housing: 165(diam) x 163.5(H) mm/ Dome: 115(diam) mm
Weight (Approx)	1,870 g

VIDEO CONTENT ANALYSIS (Included as standard)

High Performance	Advanced Tracking Algorithm, Low False Alarm Rate
Easy to Use	Intuitive Web Browser Interface
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

V1.01

RoHS 2002/95/EC

ISO 9001 REGISTERED FIRM