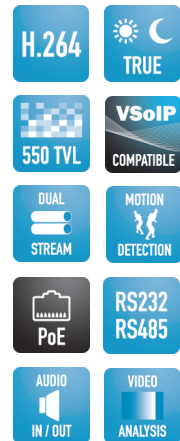


# ZN-DNT350VPE

550 TVL Impact Resistant H.264 Colour IP Dome Camera



ZN-DNT350VPE is a part of the H.264 IP Fixed Dome range based on GANZ IP's class leading multi-encoding platform offering internal/external true Day/Night operation with a removable IR Cut filter. The camera offers dual streaming functionality where two independent streams can be derived with different compression algorithms, bitrates, frame rates and resolutions. The unit also supports MPEG4 and MJPEG compression as standard.

ZN-DNT350VPE is designed to be ceiling (surface/flush) or wall mounted and uses a Sony 1/3" 550TVL Super HAD CCD sensor. ZN-DNT350VPE is a vandal resistant design rated to IP67 standards made of die cast aluminium and powder coated to prevent it from oxidation and scratching. The unit boasts of on-board basic Video Content Analysis, Bi-directional audio, onboard micro-SD and digital input/output as standard. Onboard 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 550TVL
- ▶ 2.8-10.5 mm Varifocal AI Lens
- ▶ Dual Stream Output Configurable
- ▶ D1, 4CIF, CIF, QCIF, VGA, QVGA
- ▶ 25 ips@D1
- ▶ True Day/Night
- ▶ Video Content Analysis
- ▶ MicroSD Memory
- ▶ Digital Alarm In/Out

V1.01

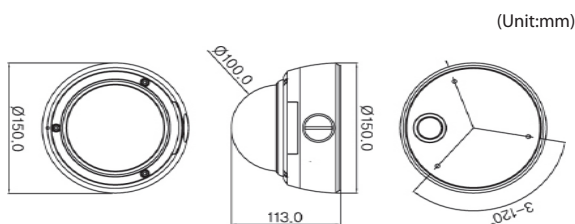
# ZN-DNT350VPE

## Super high resolution IP dome camera

### Specifications

Description / Model	ZN-DNT350VPE
<b>CAMERA MODULE</b>	
Image Sensor	Sony 1/3" Super HAD CCD
Effective Pixels	752 x 582
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	2.8~10.5 mm F1.2 DC Auto Iris Board Vari-Focal
Colour/Mono	True Day/Night
S/N Ratio	52dB (AGC Off)
Shutter Speed	1/60~1/120,000 (NTSC) 1/60~1/120,000 (PAL)
Gamma Correction	0.45
Gain Control	OFF / LOW / MIDDLE / HIGH
Synchronisation	Internal
Back Light Compensation	OFF / WDR / BLC / HLC
White Balance	AWB / ATW / AWC / MANUAL (1,800K~10,500K)
Sens Up	OFF / AUTO
Digital Noise Reduction	OFF / LOW / MIDDLE / HIGH

<b>AUDIO</b>	
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
<b>FUNCTION</b>	
1x Digital Input	TTL level 4.5V threshold, Max 50mA
1 x Digital Output	Max 500mA@24VAC or 1A@12VDC
RS-485/422	Yes
Network	10/100 Base-T
Protocol	TCP/IP, UDP/IP, HTTP, RTSP, RTP/UDP, RTP/TCP, SNMP, mDNS, UPnP, SMTP, SOCK, IGMP, DHCP, DDNS, SSL v2/v3, IEEE 802.1X, SSH
SD Memory	MicroSD (optional)
NB. Specification subject to change without notification	



<b>VIDEO</b>	
Compression Format	H.264 (ISO14496-10), MPEG-4 (ISO14496-2), MJPEG
Multi-Streaming	Dual Stream, Configurable
Resolution	D1, 4CIF, CIF, VGA, QCIF, QVGA
Compression FPS	25/30 fps@D1
Video Bitrates/Bandwidth	32Kbs ~ 6Mbps
Deinterlacing	Yes (DSP)
Motion Detection	Yes (DSP)
Burnt-in Text (Digital)	Yes
Output	1 Loop Out (BNC Connector)

<b>ELECTRICAL</b>	
Power Source	12V DC (DC Jack)
Power over Ethernet	Yes (IEEE 802.3af)
Power Consumption	300 mA @ +12V (Approx)
Approvals	All A/C driven sources are U/L approved. Certifications: CE/EN/FCC

<b>ENVIRONMENTAL</b>	
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)

<b>MECHANICAL</b>	
Material	Aluminum Die Casting / Polycarbonate
Colour	Ivory
Dimension	Housing:150(diam) x 113(H) mm Dome: 100.0(diam) mm
Weight (Approx)	1,080 g

<b>MANAGEMENT</b>	
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

<b>VIDEO CONTENT ANALYSIS (Upgrade)</b>	
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

<b>IMAGE STABILISATION (Upgrade):</b>	
Electronic Stabilisation	Removes Camera Sway
<b>WARRANTY</b>	3 Years

V1.01