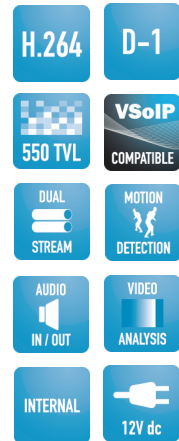


# ZN-D100VE

550 TVL Internal H.264 Colour IP Mini Dome Camera



The ZN-D100VE is a cost-effective H.264 compression based fixed mini dome camera and is aimed at low to mid sized installations. Based on a 1/3" progressive scan CMOS sensor and a 3.6mm fixed lens it offers crystal clear images of 550TVL super high resolution.

The ZN-D100VE comes with dual encoding support meaning it can provide two independently configurable H.264/MPEG4 or MJPEG streams at various bit rates. Basic Video Analytics and bi-directional audio is included as standard with the unit while Advanced Video Analytics can be optionally ordered to enhance the functionality of this camera. Designed to be small and discrete, this unit provides absolute value for the investment. The ZN-D100VE is fully VSoIP compatible.

## Key Features

- ▶ H.264 Compression
- ▶ Super High Resolution of 550TVL
- ▶ 3.6mm Fixed Lens Colour Dome
- ▶ Dual Stream Output Configurable
- ▶ D1, CIF, QCIF, VGA, QVGA
- ▶ 25 ips@D1
- ▶ Progressive Scan
- ▶ Video Content Analysis
- ▶ Small and Discrete
- ▶ 12V DC Only

V1.01

# ZN-D100VE

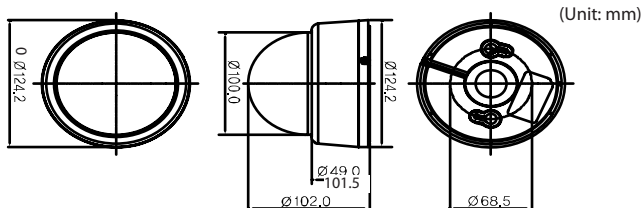
## Super high resolution mini IP dome camera

### Specifications

Description / Model	ZN-D100VE
<b>CAMERA MODULE</b>	
Image Sensor	1/3" CMOS
Effective Pixels	640 x 480 (PAL)
Scanning System	Progressive Scan (CMOS)
Horizontal Resolution	550 TVL
Minimum Illumination	3.0 Lux (colour), 0.1 Lux (DSS ON)
Lens	Focal Length 3.6 mm, F.# 2.0, Board type
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	ON (Level 0 ~ 32) / OFF
Digital Output	Not Available
RS-485/422	Not Available
RS-232C	Not Available
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, & IPv6

<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>	
Digital Input	TTL level 4.5V threshold, Max 50mA
Digital Output	Max 500mA@24VAC or 1A@12VDC
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

NB. Specification subject to change without notification



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

<b>ELECTRICAL</b>	
Power Source	12V DC (DC Jack)
Power over Ethernet	Not Available
Power Consumption	290 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	Polycarbonate
Colour	White
Dimension	Housing: 124.0(diam) x 101.5(H) mm, Dome: 100.0(diam) mm
Weight (Approx)	280 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