

DIGIMERGE™

The Benchmark for Value in CCTV



HIGH RESOLUTION DUAL-CODEC WDR PTZ SPEED DOME NETWORK CAMERA

The Digimerge DNZ9320W offers the option of a wide dynamic range Speed Dome IP Network camera for finance, mercantile and institutional applications.

The camera features 25x zoom, 360° travel, Lillin™ PTZ control protocol and selectable IR Cut filter.

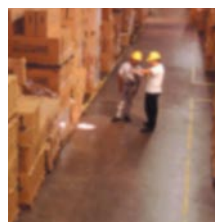
DNZ9320W



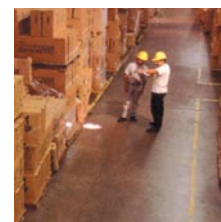
Scalable Multi Channel Recording Application



- High Resolution (570 / 480 TV lines)
- Sony 1/4" ExView HAD CCD Image Sensor
- MPEG-4/MJPEG Dual Codec
- Up to full D1 resolution at 30 fps
- 25x Optical Zoom
- Wide Dynamic Range (WDR)
- Selectable IR Cut Filter (ICR)
- Multi Channel NVR Viewing / Recording Software
- Optional Weatherproof (IP68 Compliant) Housing Available



STANDARD RESOLUTION



HIGH RESOLUTION

HI-RESOLUTION

FOR SUPERIOR IMAGE QUALITY

**3 YEAR
WARRANTY**

www.digimerge.com

Specifications:

Hardware

Image Sensor:

- 1/4" Sony ExView HAD CCD
- Horizontal resolution: 570/480 TV lines
- 0.01lux (F1.6, mono) 0.1lux (F1.6, color)

Monitoring:

Watchdog Chipset: monitors system voltage tolerance and abnormal program execution

Connectors:

- Network: 1x RJ-45 connector for Ethernet
- Video: 1x BNC video out connector, CVBS 1.0Vpp/75Ω
- Power: 1x 12V DC connector
- Audio: 1x line-in input 3.5mm jack
- Indicators: 2x LEDs to indicate network and power/system status
- Terminal Block: 6x fully opto-isolated sensor inputs / 1x relay output / 2x RS-485 COM ports (1 in, 1 out) for external keyboards or daisy-chain (supports up to 64 serial-linked cameras)

Network

Network Interface:

- 10/100 Base-T Ethernet

Protocols:

- TCP/UDP/IP, ICMP, HTTP, FTP, SMTP, DHCP, NTP, DNS, DDNS, RTSP, RTP/TCP/UDP

Video

Lens:

- Focal Length / Aperture - 3.9~95mm / F1.6 - F3.7
- FOV - Wide: 39.2° (V) 51.9° (H) Tele: 1.6° (V) 2.2° (H)
- Lens/Focus/Iris Speed - Tele~wide: 3.5 sec (fast), 6 sec (medium), 52 sec (slow) / 16 steps selectable / 16 steps selectable

CCD Adjustment:

- White Balance (WB/AWB): auto
- Gain Control (GC/AGC): auto
- Electronic Shutter (ES/AES): auto

PTZ Specifications:

- Pan Travel: 360° Continuous
- Tilt Travel: -5° ~ +95°
- Pan/Tilt Accuracy: ±0.25°
- Manual Pan/Tilt Speed: 0.18° ~ 180° / sec
- Preset Pan/Tilt Speed: 1° ~ 255° / sec
- Preset Dwell Time: 1 ~ 255 sec
- Preset Positions: 128 Positions
- Preset Groups: 4 groups (corresponding with the first 16 presets)
- Instant Flip: 180°
- Preset Recall Speed: 360° / sec
- Alarm Trigger Speed: 360° / sec
- Address Setting: 64 programmable ID settings: up to 16 characters
- Control Interface: RS-485
- Cable Requirement: UL 24AWGx2C Twist Pair (recommended)
- Alarm Inputs: 6 Inputs (expandable to 64)
- Alarm Output: 1 to organize (NO or NC)
- Alarm Response Mode: Lock or Release
- Operation Setting: On Screen Setup Menu

Image Compression:

- MPEG-4 Simple Profile (SP); JPEG; MJPEG

Day/Night Functionality:

- Removable IR cut filter (ICR)

Video Adjustment:

- Brightness, Contrast, Hue, Saturation, Frame rate, Bit rate (Constant Bit Rate (CBR), Variable Bit Rate (VBR) w/ quality levels), Frame Sequence (I-Frame, I-Frame/P-Frame), Group of Pictures (GOP) size (Advanced Features)

Resolutions:

- Full D1 (4CIF): NTSC = 720x480
- CIF: NTSC = 352x240
- QCIF: NTSC = 176x112

Video Bit Rate:

- 16K ~ 4M bits/sec (CBR/VBR configurable)
- (high quality VBR settings for MJPEG can reach up to 10Mbps)

Management

Event management:

- Triggers: Motion detection
- Manual Recording

Installation:

- DigiConsole Utility (PC)

Firmware Upgrade:

- Remote upgrade via network

Viewers / Browsers Supported:

- Microsoft Internet Explorer, Firefox, Opera or Apple Safari
- Apple Quicktime or compatible RTSP Client

Security:

- Password protection

Recording:

- FTP to video storage, AVI format

Other

Environmental / Electrical Requirements

Operating Environment

- Operating Temperature: -5° ~ 50°C (40° ~ 125°F)
- Operating Humidity: 0% ~ 90% RHG

Electrical Specifications:

- Power Supply: AC 100-240V, 50/60Hz, 1.0A
- Input Voltage: DC 12V
- Power Consumption: 20W
- Control Interface: RS-485 (1 in, 1 out)
- RS-485 Voltage: 5.6V
- Alarm Input: 6 Inputs (pull up)
- Alarm Input Voltage: 5.6V
- Alarm Output: 1 Output (NC or NO mode)
- Alarm Output Voltage: 0.5A 120V AC/ 1A 24V AC
- Alarm Response Mode: Lock or Release Mode

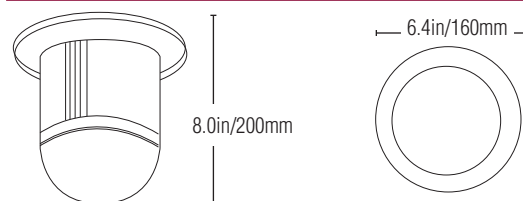
Power over Ethernet(PoE)

- Non PoE device
- Compatible with microsemi PoE enabling equipment

Measurements

- Unit Dimensions: 145mm / 5.8" (Diameter with IP server detached)
160mm / 6.4" (Diameter with IP server attached)
200mm / 8.00" (Height with IP server attached)
178mm / 7.12" (Height with IP server detached))
- Unit Net Weight: 2.2kg / 4.9lb
- Gross Dimensions (Incl. Packaging): 280 (W) x 279 (D) x 255mm (H) /
11.2 x 11.2 x 10.2"
- Gross Weight (Incl. Packaging & Accessories): Approx. 3.3kg / 7.4lb

Dimensions:



Package Contents:

- Ethernet Cable (1m / 3.3ft)
- Multi Channel NVR Viewing / Recording Software
- Mounting Bracket
- Mounting Rings & Screws
- Power Adapter