DIGIMERGE™

The Benchmark for Value in CCTV

HIGH RESOLUTION DUAL-CODEC VANDAL RESISTANT DAY/NIGHT DOME NETWORK CAMERA

DND7220V

The Digimerge DND7220V is a vandal resistant and weatherproof Network Dome camera is designed for harsh commercial, industrial and institutional applications. It's small size and advanced performance features, including 30ft. (10m) IR illumination range and Varifocal lens, put the DND7220V in a class by itself.

Scalable Multi Channel Recording Application

- High Resolution (540TV lines)
- Sony 1/3" Super HAD CCD Image Sensor
- MPEG-4/MJPEG Dual Codec
- Up to full D1 resolution at 30 fps
- 3.7 - 12.0mm varifocal lens
- IR Cut Filter
- IR LED array with 30 ft. (10M) IR range
- Multi Channel NVR Viewing / Recording Software
- Vandal Resistant Weatherproof IP66 Compliant Housing

STANDARD RESOLUTION

HIGH RESOLUTION

HI-RESOLUTION

FOR SUPERIOR IMAGE QUALITY

3 YEAR WARRANTY

www.digimerge.com

Specifications:

Hardware

Image Sensor:
- 1/3" Sony Super HAD CCD
- Horizontal resolution: 540 TV lines
- IR Off -1CB: 0.05 Lux. / 1Cl 0.1 Lux / IR On - 0 Lux

Monitoring:
Watchdog Chipset: monitors system voltage tolerance and abnormal program execution

Connectors (internal to external extension cords):
- One RJ-45 connector for Ethernet
- I/O Terminal (GND, Alarm, COM. NO.)
- Microphone Input
- Video out: for connecting to CCTV monitors, DVR, etc.
- One 12V DC jack

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:
- Standard package: 3.7 - 12.0mm Varifocal Lens

CCD Adjustment:
- White Balance (WB/AWB): auto

Day/Night Functionality:
- IR cut filter
- 12 high intensity IR LED's providing upto 30ft IR Range

Image Compression:
- MPEG-4 Simple Profile (SP); JPEG; MJPEG

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

Resolutions:
- Full D1 (4CIF): NTSC = 720x480
- CIF: NTSC = 352x240
- QCIF: NTSC = 176x 112

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

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 Temperature: 0˚ ~40˚C (32˚ ~ 104F)
Operating Humidity: 20%~80% RHG
Input Voltage: DC 12V, 490mA
Power Consumption: IR On 5.9 watt / IR Off 5.0 watt
Power over Ethernet(PoE)
- Non PoE device
- Compatible with microsemi PoE enabling equipment

Measurements

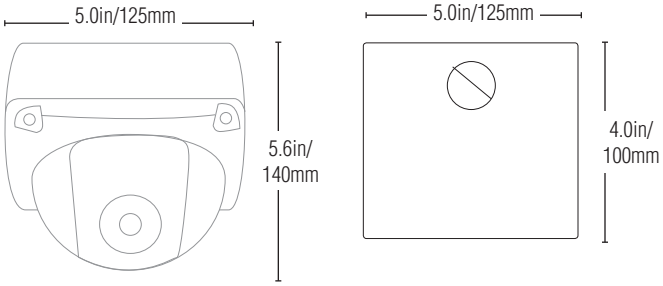
Unit Dimensions
- 125 (W) x 140 (D) x 100 (H)mm / 5.0 x 5.6 x 4.0"

Unit Net Weight
- 0.86kg / 1.9lb

Gross Dimensions (incl. Packaging)
- 252 (W) x 190 (D) x 112 (H)mm / 10.1 x 7.6 x 4.5"

Gross Weight (Incl. Packaging & Accessories)
- 1.40kg / 3.1lb

Dimensions:



Package Contents:

- Warranty Card
- 12V DC Power Adapter
- 'L' Shaped Allen Key for Security Screws
- Multi Channel NVR Viewing / Recording Software

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Because our products are subject to continuous improvement, Digimerge reserves the right to modify product design and specifications without notice and without incurring any obligation. E&O.E.

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