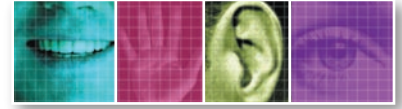


# DIGIMERGE™

The Benchmark for Value in CCTV



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

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.

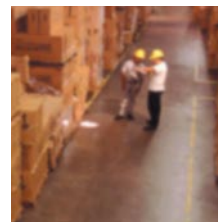
## DND7220V



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

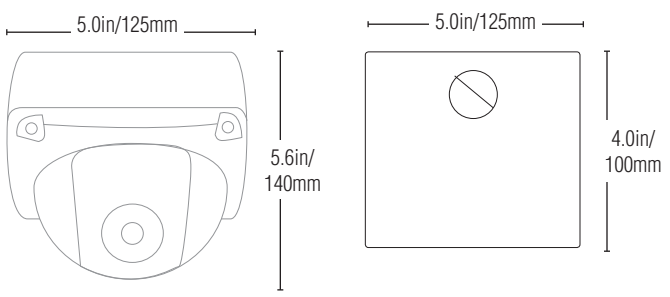
[www.digimerge.com](http://www.digimerge.com)

## Specifications:

<h3>Hardware</h3> <p><b>Image Sensor:</b></p> <ul style="list-style-type: none"> <li>• 1/3" Sony Super HAD CCD</li> <li>• Horizontal resolution: 540 TV lines</li> <li>• IR Off -1CB: 0.05 Lux. / 1CI 0.1 Lux / IR On - 0 Lux</li> </ul> <p><b>Monitoring:</b>        Watchdog Chipset: monitors system voltage tolerance and abnormal program execution</p> <p><b>Connectors (internal to external extension cords):</b></p> <ul style="list-style-type: none"> <li>• One RJ-45 connector for Ethernet</li> <li>• I/O Terminal ( GND, Alarm, COM. NO.)</li> <li>• Microphone Input</li> <li>• Video out: for connecting to CCTV monitors, DVR, etc.</li> <li>• One 12V DC jack</li> </ul> <p><b>Network:</b></p> <p><b>Network Interface:</b></p> <ul style="list-style-type: none"> <li>• 10/100 Base-T Ethernet</li> </ul> <p><b>Protocols:</b></p> <ul style="list-style-type: none"> <li>• TCP(UDP)/IP, ICMP, HTTP, FTP, SMTP, DHCP, NTP, DNS, DDNS, RTSP, RTP/TCP(UDP)</li> </ul> <p><b>Video</b></p> <p><b>Lens:</b></p> <ul style="list-style-type: none"> <li>• Standard package: 3.7 - 12.0mm Varifocal Lens</li> </ul> <p><b>CCD Adjustment:</b></p> <ul style="list-style-type: none"> <li>• White Balance (WB/AWB): auto</li> </ul> <p><b>Day/Night Functionality:</b></p> <ul style="list-style-type: none"> <li>• IR cut filter</li> <li>• 12 high intensity IR LED's providing upto 30ft IR Range</li> </ul> <p><b>Image Compression:</b></p> <ul style="list-style-type: none"> <li>• MPEG-4 Simple Profile (SP); JPEG; MJPEG</li> </ul> <p><b>Video Adjustment:</b></p> <ul style="list-style-type: none"> <li>• 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)</li> </ul> <p><b>Resolutions:</b></p> <ul style="list-style-type: none"> <li>• Full D1 (4CIF): NTSC = 720x480</li> <li>• CIF: NTSC = 352x240</li> <li>• QCIF: NTSC = 176x 112</li> </ul> <p><b>Video Bit Rate</b></p> <ul style="list-style-type: none"> <li>• 16K ~ 4M bits/sec (CBR / VBR configurable high quality VBR settings for MJPEG can reach up to 10 Mbps)</li> </ul>
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<h3>Management</h3> <p><b>Event management:</b></p> <ul style="list-style-type: none"> <li>• Triggers: Motion detection</li> <li>• Manual Recording</li> </ul> <p><b>Installation:</b></p> <ul style="list-style-type: none"> <li>• DigiConsole Utility (PC)</li> </ul> <p><b>Firmware Upgrade:</b></p> <ul style="list-style-type: none"> <li>• Remote upgrade via network</li> </ul> <p><b>Viewers / Browsers Supported:</b></p> <ul style="list-style-type: none"> <li>• Microsoft Internet Explorer, Firefox, Opera or Apple Safari</li> <li>• Apple Quicktime or compatible RTSP Client</li> </ul> <p><b>Security:</b></p> <ul style="list-style-type: none"> <li>• Password protection</li> </ul> <p><b>Recording:</b></p> <ul style="list-style-type: none"> <li>• FTP to video storage, AVI format</li> </ul>
<h3>Other</h3> <p><b>Environmental / Electrical Requirements</b></p> <p><b>Operating Temperature:</b> 0° ~40°C (32° ~ 104F)</p> <p><b>Operating Humidity:</b> 20%~80% RHG</p> <p><b>Input Voltage:</b> DC 12V, 490mA</p> <p><b>Power Consumption:</b> IR On 5.9 watt / IR Off 5.0 watt</p> <p><b>Power over Ethernet(PoE)</b></p> <ul style="list-style-type: none"> <li>• Non PoE device</li> <li>• Compatible with microsemi PoE enabling equipment</li> </ul> <p><b>Measurements</b></p> <p><b>Unit Dimensions</b></p> <ul style="list-style-type: none"> <li>• 125 (W) x 140 (D) x 100 (H)mm / 5.0 x 5.6 x 4.0"</li> </ul> <p><b>Unit Net Weight</b></p> <ul style="list-style-type: none"> <li>• 0.86kg / 1.9lb</li> </ul> <p><b>Gross Dimensions (incl. Packaging)</b></p> <ul style="list-style-type: none"> <li>• 252 (W) x 190 (D) x 112 (H)mm / 10.1 x 7.6 x 4.5"</li> </ul> <p><b>Gross Weight (Incl. Packaging &amp; Accessories)</b></p> <ul style="list-style-type: none"> <li>• 1.40kg / 3.1lb</li> </ul>

### Dimensions:



### Package Contents:

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