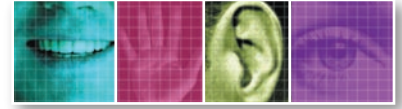


# DIGIMERGE™

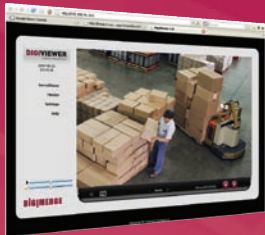
The Benchmark for Value in CCTV



## ► HIGH RESOLUTION DUAL-CODEC HEAVY DUTY VARIFOCAL DAY/NIGHT BULLET CAMERA

### DNB6300V

The Digimerge DNB6300V heavy duty day/night Network camera is designed for large high security outdoor applications where vandal resistance, weatherproof construction, 330 ft (100.6M) IR illumination and the flexibility of Varifocal lens adjustment are required.



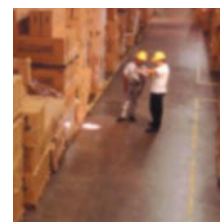
### Scalable Multi Channel Recording Application



Camera Mount with  
Built-in Cable Conduit  
(included)



- 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
- Video out for connecting to monitors, DVRs etc.
- 7.5 – 50mm Varifocal DC Iris Lens Included
- IR Cut Filter
- IR LED Array with 330 ft. (100.6M) IR Range
- Built-in Blower / Heater
- Vandal Resistant Weatherproof IP66 Compliant Housing
- Multi Channel NVR Viewing / Recording Software



STANDARD RESOLUTION



HIGH RESOLUTION

## HI-RESOLUTION

FOR SUPERIOR IMAGE QUALITY

3 YEAR  
WARRANTY

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

## Specifications:

### Hardware

#### Image Sensor

- 1/3" Sony super HAD CCD
- Horizontal resolution: 540TV lines
- 0 Lux (F1.3)

#### Monitoring

Watchdog Chipset: monitors system voltage tolerance and abnormal program execution

#### Connectors

- One RJ-45 connector for Ethernet
- One mini-DIN for RS-485/RS-232/GPIO/Video out
- RS-485: for external Pan/Tilt (PT) device control
- RS-232: for console connection
- GPIO: for one fully opto-isolated alarm input and one relay output
- Video out: for connecting to CCTV monitors, DVR, etc.
- One internal microphone
- One DC-Iris power connector
- Two LEDs to indicate network and power/system status
- AC Terminal Block

#### 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: CS mount (f) 7.5~50mm, F1.3~360 DC-Iris Lens

##### CCD Adjustment

- Backlight Control (BLC): on/off
- Electronic Shutter (ES/AES): on/off

##### Day/Night Functionality

- Fixed IR cut filter
- 17 high intensity 850nm IR LED's providing upto 330 ft 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), 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 = 176x 112

#### 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 Temperature:** -20°C ~60°C (40° ~ 125°F)

**Operating Humidity:** 20%~80% RHG

**Input Voltage:** 110 - 240V, 50/60Hz

**Power Consumption:** 20W (incl. IR / Fan)

#### Measurements

**Unit Dimensions:** 145 (W) x 460 (D) x 280mm (H) /  
5.8 x 18.4 x 11.2" (incl. Supplied Stand & Sunshade)

**Unit Net Weight:** 3.7kg / 8.2lb (incl. Supplied Stand & Sunshade)

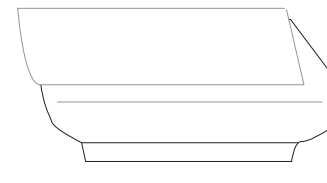
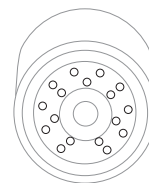
**Gross Dimensions (Incl. Packaging):**

Approx. 252 (W) x 403 (D) x 174mm (H) / 10.1 x 16.2 x 7.0"

**Gross Weight (Incl. Packaging & Accessories):** 4.7kg / 10.5lb

### Dimensions:

← 5.8in/145mm →



11.2in/  
280mm

18.4in/460mm

### Includes:

- Ethernet Cable (1m / 3.3ft)
- Mini-DIN/Terminal Block Conversion Cable
- Heavy Duty Metal Wall Mount Arm with Cable Pass through
- Multi Channel NVR Viewing / Recording Software