

# Megapixel Day & Night Vandal Dome Network Camera

1280 X 800

## Vandal Dome Series



- **Wide View Coverage**
- **Built-in IR Illuminator LEDs/Removable IR-cut Filter /Auto Light Sensor for Day and Night**
- **Supports MPEG-4 / MJPEG and H.264(\*) Codec Compression**
- **High Power POE(\*)**
- **1 DI/DO for External Alarm and Sensor Device**
- **EasyConfig for easy set up and GUI Integration**
- **Supports 3G portable devices**
- **Vandal-Proof and Weather-Proof (IP66)**
- **Built-in Fan and Heater**

The Vandal Dome series is a full-featured, fixed-dome, network camera. With a megapixel progressive sensor and built-in IR-cut filter/ IR illuminator LEDs/ Auto Light sensor, it can provide 24-hour, indoor surveillance. The Vandal Dome series features a wide-angle and vari-focal lens, which offers wide view coverage of all angles.

The Vandal Dome series is designed to provide end users with high quality video feed for an easily accessible security system. The embedded high performance image sensor and CPU allow for each camera to stream real time, high resolution video at 30 fps. It can transmit video using many codec compression options, including MPEG-4/MJPEG/H.264, which reduce bandwidth and storage requirements without compromising image quality. For easy viewing of the video feed, users can view the live feed from anywhere through internet browsers or 3G portable devices.

Installation is simplified by the added support for Power over Ethernet which enables each camera to receive power through the same cable as for data transmission. The DI/DO function allows users to connect the Vandal Dome series to external alarm and sensor devices for added security protection.

With the included EasyConfig installation software, this series offers end-users easy installation without the need for a strong technical background.

Users do not have to worry about their camera as its vandal proof enclosure protects it from damage caused by vandalism or harsh environments. With an IP66 certified enclosure, the Vandal Dome series is not only weather proof, but also dust and rust resistant. By utilizing a built-in industrial fan and heater, it can perform well in extreme temperatures.

## Vandal Dome Series

### Product Name

Megapixel Day & Night Vandal Dome Network Camera  
1.3 Megapixel Day & Night Vandal Dome Network Camera

### Model Number

#### VD-100A

Outdoor/MEGAPIXEL/IR LED/2 way  
Audio/SDHC/Ethernet/POE/DIDO/Vandal-Proof/  
Weather-Proof

#### VD-130A

Outdoor/1.3 MEGAPIXEL/IR LED/2 way  
Audio/SDHC/Ethernet/POE/DIDO/Vandal-Proof/  
Weather-Proof

### Hardware System

CPU: 500 MHz  
Flash: 16M  
RAM: 128M DDR (\*)

### Image Sensor

#### VD-100A

Sensor Type : 1/4" Mega-Pixel CMOS Sensor  
Sensor Resolution : 1280 x 800 pixel

#### VD-130A

Sensor Type : 1/3" Mega-Pixel CMOS Sensor  
Sensor Resolution : 1280 x 1024 pixel

### Minimum Illumination

1 Lux (without IR LEDs)  
0 Lux (IR LEDs ON)

### Infrared LEDs

Triggered by Auto Light Sensor

### Lens

Lens Type : Board Mount Lens  
Focal Length: f= 3.3mm~12mm  
View Angle : H: 63.6° ~ 17.9°  
V: 46.5° ~ 13.5°

### Video

Image Compression : H.264(\*) / MPEG4 / MJPEG  
/ 3GPP(optional)  
Auto Exposure Control / Auto White Balance /  
Auto Gain Control

Image Resolution and Frame Rate:

#### VD-100A

- 1280 x 800: 30fps
- 640 x 400: 30fps

#### VD-130A

- 1280 x 1024: 15fps
- 640 x 512: 15fps
- 320 x 256: 15fps

### Audio

Audio Streaming: Two-way audio support  
Audio Input: external microphone or line input  
Audio output: Line output

### Communication

Ethernet : one 10/100Mbps RJ-45  
Supported Protocols : TCP/IP, UDP, ICMP,  
DHCP, NTP, DNS, DDNS, SMTP, FTP, HTTP,  
Samba, PPPoE, UPnP, RTP, RTSP, RTCP

### Interface & Buttons

DC Power Connector  
Ethernet Cable Connector  
General I/O Terminal block  
External Line input  
External Audio output  
Embedded SD/SDHC memory card slot(\*)

### LEDs

Status/Ethernet(Power/Link)

### Power input

DC 48V (Power Supply)  
High Power POE

### Power consumption

Max Power Consumption : 25 watts

### Environment

Operating Temperature(\*) : -40°C ~ 60°C (-40°F ~140°F)  
Operating Humidity : 10% ~ 80%

### Dimension

155.1(D) X 117.4 (H) mm

### Weight

#### VD-100A/VD-130A

Net: 900 g  
VD-100A/VD-130A  
Gross: 1430 g

### Certification

FCC,CE

### Warranty

Limited 2-year warranty

(\*) These are optional features. Please refer to the Product List for the full list of optional features available for this product.

