



*Advanced Technology Video, Inc.*



## Rugged Impact Resistant Dome

- Extremely strong, impact and vandal resistant
- High resolution color (470TVL) and standard resolution black and white (380TVL)
- 24 VAC operation with line lock
- 4-8 mm varifocal lens, DC and manual iris options
- Indoor/outdoor (IP66 rated)
- Simple installation with all tamper-resistant hardware included
- 1/2" and 3/4" threaded NPT opening on top and side (surface dome)
- Flush or Surface mount dome chassis
- Manual tilt adjustment
- Clear dome with liner
- No grab chassis design

**Omni View™**

# VD3 SERIES SPECIFICATIONS

## MODELS

<b>VD364VM</b>	Dome, color high resolution, 4" clear dome with liner, 4-8mm manual varifocal, 24 VAC with Line Lock
<b>VD364VA</b>	Same as VD364VM except with 4-8mm DC auto iris lens
<b>VD314VM</b>	Dome, black and white stand resolution, 4" with liner, 4-8mm manual iris varifocal lens, 24vac
<b>VD314VA</b>	Same as VD314VM except with 4-8mm DC auto iris lens

## POWER

<b>Power Source</b>	24VAC (10%) Line Lock
<b>Power Consumption</b>	4.6 W (VD364) / 2.5 W (VD314)
<b>Image Sensor</b>	1/3" interline transfer CCD
<b>Picture Element</b>	768(H) x 494(V) [ 752(H) x 582(V) ]

<b>Scanning System</b>	2:1 interlace
<b>Scanning Frequency</b>	15.734KHz(H), 59.94Hz(V) [15.625KHz(H), 50Hz(V)]
<b>Operating Temperature</b>	14°F to 122°F (-10°C to +50°C)
<b>Sync. System</b>	Line lock
<b>Electronic shutter</b>	1/60 ~ 1/100,000 sec.

## VIDEO

<b>Signal Format</b>	NTSC (VD364) / EIA (VD314)
<b>Resolution (VD364)</b>	470 TV lines
<b>Resolution (VD314)</b>	380 TV lines
<b>Min. Illumination (VD364)</b>	2.8 lux (F2.0, 50IRE, Clear Dome)
<b>Min. Illumination (VD314)</b>	0.2 lux (F2.0, 50IRE, Clear Dome)
<b>Video Output</b>	1.0 Vp-p, 75 ohm unbalanced
<b>S/N Ratio</b>	46dB (AGC OFF)
<b>BLC</b>	40% center (BLC ON)
<b>Sync Level</b>	40 IRE
<b>AGC</b>	ON Fixed

## FUNCTION

<b>Line Lock</b>	300°
<b>Shutter Speed</b>	Auto
<b>White Balance (VD364)</b>	ATB (2500°K ~ 8500°K)
<b>Electronic Iris</b>	On Fixed
<b>Gamma</b>	ON (0.45) Fixed

## MECHANICAL

<b>Video &amp; Power In/Out</b>	BNC, 2-wire
---------------------------------	-------------

## HEATER KIT (optional)

<b>Power Consumption</b>	20w
<b>Heater On</b>	41°F (5°C)
<b>Heater Off</b>	59°F (15°C)

Specifications subject to change without notice.

## DIMENSIONS & DIAGRAMS

