



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

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

POWER

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

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

VIDEO

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

FUNCTION

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

MECHANICAL

Video & Power In/Out	BNC, 2-wire
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HEATER KIT (optional)

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

Specifications subject to change without notice.

DIMENSIONS & DIAGRAMS

