



AD3VM4X / AD3VM4
AD3VC4X / AD3VC4

Colour and Monochrome 3" Varifocal Fixed Domes

At just 110mm in diameter and 80mm in height, the ADEMCO Video 3" varifocal fixed dome range offers all the performance of a traditional fixed camera with the discretion of a dome.

Available in colour or mono versions, all domes can be ceiling or wall mounted, providing the ideal choice for retail stores, casinos, shopping malls, building entrances, business environments etc.

The medium resolution domes have an integral 4.0 - 9.0mm varifocal lens which allows for easy installation and multiple angles of view. The high speed

F1.6 lens also provides excellent low light performance.

The dome has backlight compensation for applications when strong unwanted background lighting interferes with the clarity of important areas of the dome's view. It's Auto Gain Control (AGC) improves sensitivity in low light conditions and flickerless mode can be used if interference from fluorescent lighting is detected on the video picture.

The ADEMCO Video 3" dome range provides the perfect solution for any unobtrusive surveillance requirements.

features

- 4.0 - 9.0mm varifocal lens for simple installation
- Excellent picture quality and low light performance
- Distortion free optical bubble
- Ceiling or wall mount
- Compact and unobtrusive design
- 24V AC / 12V DC switchable PSU

ADDITIONAL FEATURES

- DSP controls for backlight compensation, and AGC
- Manual pan / tilt / 360° rotation mechanism
- Built in flickerless mode
- Video cable with BNC included
- Power connection lead with jack included
- PAL, NTSC, CCIR and EIA versions available

Technical Specifications

Model Number	AD3VC4	AD3VC4X	AD3VM4	AD3VM4X
Description Colour	3" Dome Colour NTSC Version	3" Dome Mono PAL Version	3" Dome Mono EIA Version	3" Dome CCIR Version
Image Sensors	1/3" High Sensitivity CCD			
Effective Pixels	512(H) x 494(V)	500(H) x 582(V)	512(H) x 494(V)	500(H) x 582(V)
Resolution	330TVL	330TVL	400TVL	400TVL
Minimum Illumination	0.8 Lux @ F1.2 / 1.5 Lux @ F1.6		0.3 Lux @ F1.2 / 0.5 Lux @ F1.6	
Signal to Noise Ratio	48dB (AGC OFF)	48dB (AGC OFF)	52dB (AGC OFF)	52dB (AGC OFF)
Scanning Element	2:1 interlace H15.734KHz V:60Hz	2:1 interlace H15.625KHz V:50Hz	2:1 interlace H15.734KHz V:60Hz	2:1 interlace H15.625KHz V:50Hz
3" Bubble	Tint Coloured; Optically Perfect Maximum 1F loss			
Backlight Compensation	On (Central Area) / Off Switch			
AGC	On / Off Switch			
Sync System	Internal / Line Lock			
Gamma Correction	0.45			
Video Output	1.0V p-p, 75 ohms Unbalanced		N/A	
White Balance	Automatic White Balance		N/A	
ATW Range	2700K - 9100K		N/A	
Power Range	12V DC \pm 10% / 24V AC \pm 10% SPS			
Power Consumption	2.8W (Maximum)			
Operating Temperature	-5°C to ~ +45°C (23°F ~ 113°F) Less than 80% R.H.			
Camera Dimensions	Height 800mm (3.15"), Diameter 110mm (4.35")			
Weight	180g (6.35 ounces) Net			
Lens Specification				
Focal Length	4.0 - 9.0mm Varifocal Direct Drive lens; T F1.6 ~360 W-F2.4~360			
Field of View	Horizontal: 71.0° ~31.6° / Vertical: 51.8°~23.6°			

ORDERING:

Part No.	Description
AD3VC4	3" Varifocal Colour Dome 12V/24V (NTSC)
AD3VC4X	3" Varifocal Colour Dome 12V/24V (PAL)
AD3VM4	3" Varifocal Mono Dome 12V/24V (EIA)
AD3VM4X	Varifocal Mono Dome 12V/24V (CCIR)

ADEMCO Video

Web site www.ademcovideo.com

Web site www.ademcoint.com

The manufacturer reserves the right to alter price, design & specification without prior notice

The Vision of a Leader

ADEMCO Video Subsidiaries Worldwide

ADEMCO International Head Office
Syosset, New York, USA
Internet: www.ademcovideo.com
Tel: +1-516-921-6704

ADEMCO Asia Pacific Ltd
New Territories, HONG KONG
Internet: www.ademco.com.hk
Tel: +852-2405-2323

ADEMCO Australia Pty Ltd
Sydney, AUSTRALIA
Internet: www.ademco.com.au
Tel: +61-2-8837-9300

Security House (Netherlands)
Purmerend, HOLLAND
Internet: www.SecurityHouse.nl
Tel: +31-299-419-000

Teq Trader
Johannesburg, SOUTH AFRICA
Internet: www.teqtrader.com
Tel: +27-11-403-3002

Video Controls Limited
Runcom, UK
Internet: www.videocontrols.com
Tel: +44-1928-754-000

ADEMCO Italia S.p.A
Milan, ITALY
Web: www.ademco.com/international
Tel: +39-02-457-1791

ADEMCO International
Latin America & Caribbean Division
Miami, Florida, USA
internet: www.ademcoint.com
Tel: +1-305-805-8188

Ademco Sontrix Espana
Madrid, SPAIN
Internet: www.ademco.es
Tel: +34-91-533-2702

ADEMCO France
Paris, FRANCE
Internet: www.SecurityHouse.nl
Tel: +33-1-6932-1090