



12VD Series Varifocal Lens

1/2-INCH FORMAT, AUTO IRIS (DIRECT DRIVE)

Product Features

- CS- or C-Mount Models Available
- Spot Filter
- For use with 1/2-Inch Format Cameras
- Auto Iris, Manual Focus and Zoom
- C-Mount Lenses Can Be Adapted for Use on CS-Mount Cameras with Optional CS-Mount Adapter
- High Resolution Power in Compact Body



12VD4-10

Pelco's **12VD Series** of 1/2-inch varifocal lenses offer adjustable lenses that cover a range of applications from wide angle to telephoto. Each auto-iris lens in this series covers a specific range of focal lengths. Adjust these lenses to get the exact field of view instead of "almost-the-right-view."

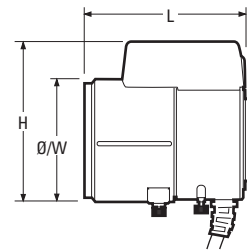
The **12VD Series** lenses will fit 1/2- or 1/3-inch cameras requiring DC-drive auto-iris lenses. The lenses have either a C or CS mount. The optional PCMA40 CS-mount adapter can be used to fit the C-mount lenses to CS-mount cameras.

All auto-iris lenses include a spot filter and are appropriate for indoor and outdoor lighting situations. Lenses in the **12VD Series** come with a standard square 4-pin plug installed for ease of installation and convenience.

Lenses in this series are available in 2.2X and 2.5X zoom with varying focal lengths.

Pelco's **12VD Series** lenses are intraspot-type lenses, which optimize the dynamic range of the iris. Maximum aperture of f1.8 and a minimum aperture of f360 allow excellent performance characteristics across a wide range of lighting conditions.

Select the model lens that best suits your needs from the Technical Specifications section of this product specification sheet.



	H	Ø/W	L
12VD4-10	1.75 (4.45)	1.40 (3.56)	1.97 (5.00)
12VD6-13	1.80 (4.57)	1.55 (3.93)	1.91 (4.85)

NOTE: VALUES IN PARENTHESES ARE CENTIMETERS; ALL OTHERS ARE INCHES.



DataFAX
SPEC: 2757
MANUAL: 27486

C757 / REVISED 10-02



International Organization
for Standardization;
Registered ISO 9001



TECHNICAL SPECIFICATIONS

MODELS

	12VD4-10	12VD6-13
Type	Varifocal	Varifocal
Format Size	1/2-inch	1/2-inch
Mount Type	CS	C
Focal Length	4-10 mm	6-13 mm
Zoom Ratio	2.5X	2.2X
Relative Aperture (F)	1.8-360	1.8-360
Operation		
Iris	Auto (Direct Drive)	Auto (Direct Drive)
Focus	Manual	Manual
Zoom	Manual	Manual
Angle of View		
Diagonal	46.5°-122.3°	35.5°-75.5°
Horizontal	37.3°-94.8°	28.5°-60.3°
Vertical	28°-69°	21.4°-45.2°
Minimum Object Distance	0.3m	0.3 m
Back Focal Length	8.27-13.90 mm	8.7 mm
Filter Size (mm)	NIL	NIL
Unit Weight	0.22 lb (0.10 kg)	0.20 lb (0.09 kg)
Shipping Weight	1 lb (0.45 kg)	1 lb (0.45 kg)

CERTIFICATIONS

- CE, Class B (all models)

OPTIONAL ACCESSORIES

LDC100	Auto iris drive converter. Converts a DC-drive auto iris lens to a video drive auto iris lens. Compatible with all lens size formats.
--------	---



Pelco Worldwide Headquarters:
3500 Pelco Way, Clovis, California 93612-5699 USA
USA & Canada Tel: (800) 289-9100 • FAX (800) 289-9150 • DataFAX (800) 289-9108
International Tel: (559) 292-1981 • FAX (559) 348-1120 • DataFAX (559) 292-0435
www.pelco.com

Specifications subject to change without notice.
©Copyright 2002, Pelco. All rights reserved.