



HRO69



At last what you have all been waiting for.....

**A True High Performance
Wide Angle HD 1/3" C-mount
Prime Lens for 3-CCD Cameras**

**Giving negligible distortion and
true High Definition resolution.**

**Suitable for:
3-CCD C-mount HD cameras
including:**

**Toshiba IK-HD1
Iconix RH1
Ikegami MKC300
Panasonic US932HAE**

features

- Focal length 3.5mm
- Designed for 1/3" 3-CCD HD cameras
- High Definition
- 69° horizontal angle of view
- Aperture F2.2 - 16
- Suits 1/3" 3-CCD prism
- MOD 0.1m
- Back focus facility
- 40.5mm filter mount option
- Weight 159 grammes
- C-mount
- Custom Pelicase with room for the camera and accessories
- The first in a range of lenses



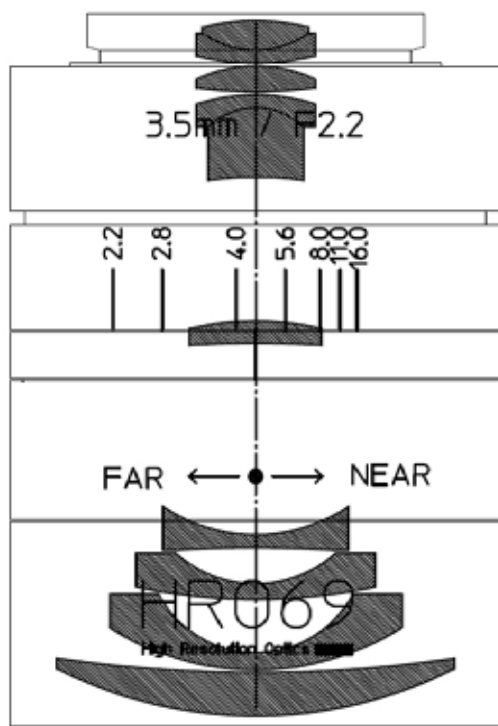
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specifications

Focal length	3.5mm
Aperture	F2.2 - 16
Image format	1/3" 3-CCD (4.8 x 3.6mm)
Optical summary	HD, resolution from 180 lp/mm <ul style="list-style-type: none">- very low chromatic shifting over the complete visual spectrum (less than $<3\mu\text{m}$)- high MTF throughout iris range- low distortion even in the corners- apochromatic correction for complete spectrum
Angle of view	69° Horizontal,
Minimum Object Distance	0.1 metre
Lens arrangement	10 lenses in 8 groups
Focus adjustment	Internal focus (no outside groups in movement, no astigmatism by moving)
Back focus	Lens has back focus adjustment (3 grub screws)
Locking	Thumbscrews on iris and focus
Mount	C-mount (17.526mm in air), Stainless Steel
Filter option	Removeable bump strip to accept M40.5 filter mount
Weight	159 grammes
Dimensions	Length 50,0 mm, diameter 37 mm
Additional equipment	Pelicans case with foam insert to accept lens with mini camera attached, 1.5mm hex key, alternative lens front (narrower diameter for 3D, etc), spare front lens cap.



Polecam Ltd

10 Sunbeam Road, Woburn Road Industrial Estate, Kempston, Bedford, MK42 7BY, England
Tel: +44 (0)1234 855222 Fax: +44 (0)1234 855270 Email: info@polecam.com www.polecam.com
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