

HR069

POLECAM



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.

Reduced distortion and true
High Definition resolution.
Perfect for 3D
Reduced distortion =
less time in post production.

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
- 40.5 and 62mm filter mount option
- Weight 159 grammes
- C-mount
- Custom Pelicase with room for the camera and accessories
- Matched pairs for 3D available

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SPECIFICATIONS

| | |
|-------------------------|--|
| Focal length | 3.5mm |
| Aperture | F2.2 - 16 |
| Image format | 1/3" 3-CCD |
| Optical summary | HD, resolution from 180 lp/mm - very low chromatic shifting over the complete visual spectrum (less than <3 m) - high MTF throughout iris range - low distortion even in the corners - apochromatic correction for complete spectrum |
| Angle of view | 69° Horizontal Field of View |
| Minimum Object Distance | 0.1metre |
| 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 | Removable bump strip to accept Polecam LAO50 adaptor M62 CoKin / Tiffen filters or LAO51 adaptor for M40.5 filters |
| Weight | 159 grammes |
| Dimensions | Length 50 mm, diameter 37 mm |
| Additional equipment | Pelicas 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. |



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