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Introducing the all NEW Fujinon TF4XA-1 High Definition 4.0mm lens. It has a resolution in excess of 4.5MP that fully exploits a 1/3" 3-CCD / 3-CMOS camera's native HD resolution across all three sensors.

The superior resolution of 300 lp/mm Zone 1 (centre) - 200 lp/mm into Zone 3 (corners) produces 3-4 times the lp/mm of the old TF4DA-8. Fujinon's new HD compact lens (33 x 45mm) combines stunning performance with the highest build quality.

The TF4XA-1 also has imperceptible chromatic fringing and excellent uniformity of exposure even at F2.2. It is fitted with gears for OEM focus and iris drives and includes locking thumbscrews.

We think that it is perfect for use with miniature 1/3" 3-CCD / 3-CMOS HD camera systems including:

Toshiba IK-HD1H 1/3" 3-CCD camera

Toshiba IK-HD3H 1/3" 3-CMOS camera

Features:

- Full High Definition **4.0mm lens**
- Integrates with 1/3" 3-CCD / 3-CMOS HD cameras
- Robust, precise mechanics
- Drive gear provided for OEM focus and iris drives
- Internal AND external filter threads
- Bore alignment specification complements 3D camera systems.
- Weight 100 grammes

Specification:

Focal Length	4.0mm
Image Format	1/3" 3-CCD / 3-CMOS
Image Size	Ø 6.0mm (5.23mm x 2.94mm)
Maximum Aperture	F2.2
Aperture Range	F2.2 - F16 Close (no detente)
Angle of View (HxV) (aspect Ratio 16:9)	71°28' x 41°31'
Focussing Range	∞ - 0.1m (from Front of Lens)
Shift of Front Lens	0.15mm
Minimum Object Distance	0.1m
Resolution	Exceeds 1920 x 1080 HD cameras 300 lp/mm (centre), 200 lp/mm (corners)
Back Focal Length	14.01mm (in air)
Flange Focal Length	17.526mm (in air)
Exit Pupil Distance	-114mm (from Image Plane)
Locking Screws	Three locations focus and iris
Filter Thread	M27.5x0.5 (inside) / M30.5x0.5 (outside)
Mount	C-mount (metal)
Weight (g)	100 grammes
Dimensions	32.8mm (Diameter) x 44.5mm (Length)
Temperature	Operating -10°C to +50°C Storage -20°C to +60°C
Relative Humidity	35% to 90%

