



## Toshiba IK-4K

Now available through ACS, the Toshiba IK-4K is the world's smallest 3-chip Ultra HD 4K video camera and can be supplied as a standalone unit or combined with an ACS 4K Fibre Transmission System and RCP for live production work.

Providing 8Mp 3840x2160 output and showing extraordinary detail with up to 1600 TV lines of resolution, video output is switchable between 4K, 1080p and 1080i formats to configure to any HD display and application.

Features include:

- 4 x 3G/HD-SDI output for maximum signal fidelity
- 12 channel colour adjustment to achieve exceptional colour accuracy and control
- 5 user configurable settings files to support different operating modes and conditions
- Image flip & mirror/Freeze frame

- Gen lock for 3D and multi camera use
- 10m CCU Cable
- C-mount lens mount
- Supplied as standard with Fujinon TF4XA-1 4mm lens.
- 4K Fibre Transmission System (based on single mode fibre) with RCP control available for live OB/Production use
- Range of mounting accessories available

## Technical Specifications

IMAGE SENSOR:	3-CMOS, 1/2.9", progressive
OUTPUT MATRIX:	Horizontal: 3840, Vertical: 2160 UHD 4K mode Horizontal: 1920, Vertical: 1080 HD 1080p/1080i
OUTPUT RESOLUTION H/V:	1600 TV lines standard UltraHD 4K mode 1000 TV lines or more 1080p/1080i modes
SENSITIVITY:	F5.6 standard (59.94 Hz setting) F6.1 standard (50 Hz setting) (at 2000 lx, 3000K)
MINIMUM ILLUMINATION:	19.5 lx (59.94 Hz setting) 16.2 lx (50 Hz setting) at F2.2, 24dB
S/N RATIO:	58 dB standard AGC: OFF, Gamma: OFF, Enhance: OFF, Colour matrix: OFF, Colour temp: 5600K
OPERATING TEMPERATURE:	0°C to 40° C/32° F to 104° F
OPERATING HUMIDITY:	Less than 90% (non-condensing)
WEIGHT:	Approximately 70g (2.5oz)
DIMENSIONS:	W: 32.6mm H: 38.6mm D: 41mm (1.28"x1.52"x1.61") (protruding portion not included)
LENS:	Fujinon TF4XA-1 4mm f/2.2 to 2/16 High Definition lens
ACS FIBRE TRANSMISSION SYSTEM:	Quad HD SDI and RCP (includes motorised iris control) requires 2 x single mode fibre and local power

