





The Specialised Imaging T-Cam Camera offers single high resolution images for ambient or low light capture.

Comprehensive triggering adjustment and a wide range of output signals are controlled using the custom software package which includes measurement and image enhancement functions.

FEATURES

- ☐ Fully adjustable exposure from 1µs to 10ms
- ☐ Adjustable output triggers
- ☐ Nikon lens mount fitting
- ☐ Gigabit ethernet communications



High Resolution non-intensified camera



OPTICAL Lenses Nikon F-mount System Aperture Limited by lens Distortion Nominally zero

INTENSIFIER A	NTENSIFIER / SENSOR		
	T-Cam 43100	T-Cam 22100	
Image Sensor	KAI11002M (Non intensified)	KAI4021M (Non intensified)	
Active CCD Pixel	4008 (H) x 2688 (V)	2048 (H) x 2048 (V)	
Pixel Size	9μm (H) x 9μm (V)	7.4 µm (H) x 7.4 µm (V	
Dynamic Range	12 bits	12 bits	

MECHANICAL	
Dimension mm (w/d/h)	17.8cm x 18.5cm x 19.7cm (7.0" x 7.3" x 7.8") without lenses
Mount	1/4-20 UNC Female (standard tripod)
Weight	6Kg (13.2lbs) without lens.

Trigger 1	Electrical signal (BNC connector) Threshold variable from ± 25V Positive or Negative polarity, Make/Break 50Ω or 1KΩ termination	
Trigger 2	Electrical signal (BNC connector) Threshold variable from ± 25V Positive or Negative polarity, Make/Break 50Ω or 1KΩ termination	
Flash Trigger Output	Pulse width (min. 10ns) and position user programmable. TTL into 50Ω	
Camera Control	Data and command transfer via Gigabit Ethernet. Cable length 10m (standard), other lengths up to 100m available 1000FX fibre optic Ethernet link (up to 2Km) - optional	
Software	Custom software compatible with Microsoft Windows Operating Systems for camera control, image data archiving in various file formats.	
Power Requirements	100-240V AC 2A, 50-60Hz	

-10°C to +50°C
-5°C to +40°C
10—90% RH non condensing
10—40 Hz Max. 10g in any direction
Meets all EC harmonised standards

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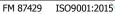
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