

IK-TF2**SPECIFICATION SHEET****Main features:**

3CCD, 1/3" IT-CCD micro prism system, compact colour camera, RGB out, 2:1 interlace, 570 TV lines, 64 dB standard SN ratio, RS232 serial data Interface



Power supply	DC12V \pm 10%
Power consumption	Approx. 3.6W
Pick-up system	RGB, 3CCD, Micro prism system
Image sensor (Effective pixels)	1/3inch IT-CCD (Horizontal: 768 pixels, Vertical: 494 pixels)
Scanning system	2:1 interlace
Scan frequency	Horizontal: 15.734kHz, Vertical: 59.94Hz
Sync system	Internal/External (Automatic switching)
Horizontal resolution	570 TV lines
Sensitivity	F8 standard (2000 lx, 3000K)
Minimum illumination	10 lx (F2.2 Sensitivity + 18 dB, 3000K)
SN ratio	64 dB standard (G)
Lens mount	C mount (flange back : 17.526 mm in-air)
Ambient temperature	32 to 104°F (0 to 40°C)
Ambient humidity	Less than 90%
Weight	Approx. 5.47oz (155g)
External dimension	1.73" (W) x 1.73" (H) x 3.07" (D) 44 (W) x 44 (H) x 78 (D) mm (except for protruded portion)
White balance	AWB (Automatic white balance), MANUAL (Manual)
Gain	MANUAL (Manual), OFF (0 dB)
Output signal	RGB: 75Ω unbalanced, D sub 15 pin connector
External sync input	HD or VD: 2 - 5 V(p-p) Negative
Sync signal output	SYNC: 2.0V \pm 1 V(p-p) 75Ω unbalanced HD, VD, INDEX: 5V \pm 0.5/-1.0 V(p-p), Negative Load impedance : More than 10k Ω
External trigger input	TRIGGER: Low level: Less than 0.4V, High level: 3.4 - 5V 1 Pulse: Positive/Negative/Width selectable 2 Pulse: Positive/Negative/Width selectable
Interface	Serial data interface (RS-232C)
Optional parts	EXC-TF05B (RGB cable), etc.

Design and specifications are subject to change without notice

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