

### IK-TF7 SPECIFICATION SHEET

**Main features:**

3CCD, 1/3" all pixels CCD micro prism system, compact colour camera, RGB out, progressive scan, 768 TVlines, min62dB SNratio, RS232 data interface



Power supply	DC12V ±10%
Power consumption	Approx. 3.6W
Pick-up system	RGB, 3CCD
Image sensor (Effective pixels)	1/3inch All pixels CCD (Horizontal: 1034 pixels, Vertical: 779 pixels)
Scanning system	Progressive scan
Scan frequency	Horizontal: 23.229kHz, Vertical: 29.18Hz
Sync system	Internal/External (Automatic switching)
Horizontal resolution	768 TV lines
Sensitivity	F6.8 standard (2000 lx, 3000K)
Minimum illumination	14 lx (F2.2 Sensitivity + 18 dB, 3000K)
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. 5.82oz (165g)
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 : 75 Ohm unbalanced, D sub 15 pin connector
External sync input	HD or VD : 2 - 5 V(p-p) Negative
Sync signal output	SYNC: 2.0V±1 V(p-p) 75? unbalanced HD, VD, INDEX: 5V +0.5/-1.0 V(p-p), Negative Load impedance : More than 10 kOhm
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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