

## IK-TF5C

## SPECIFICATION SHEET

### Main features:

3CCD, 1/3" IT-CCD micro prism system,  
compact colour camera, RGB out, Progressive  
Scan, 500 TV lines, 62 dB standard SN ratio



Power supply	DC12V ±10%
Power consumption	Approx. 4.3W
Pick-up system	RGB, 3CCD, Micro prism system
Image sensor (Effective pixels)	1/3inch All pixels CCD (Horizontal: 659 pixels, Vertical: 494 pixels)
Scanning system	Progressive scan
Scan frequency	Horizontal: 31.469kHz, Vertical: 59.94Hz
Sync system	Internal/External (Automatic switching)
Horizontal resolution	500 TV lines
Sensitivity	F6.8 standard (2000 lx, 3000K)
Minimum illumination	14 lx (F2.2 Sensitivity + 18 dB, 3000K)
SN ratio	62 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. 5.82oz (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	8-bit RGB, Digital output (Camera Link format)
Sync signal output	FVAL, LVAL, DVAL (Positive polarity) Pixel Clock (24.5454MHz)
External sync input	HD or VD: Negative
Interface	Serial data interface: Ser TC (RXD), Ser TFG (TXD)
Optional parts	EXC-CL05S (Cable), etc.

*Design and specifications are subject to change without notice*



**SDT Dr. Seitner GmbH**  
Mühlbachstr. 20  
D-82229 Seefeld  
Germany

Internet: [www.sdt-seitner.com](http://www.sdt-seitner.com)  
Email: [org@sdt-seitner.com](mailto:org@sdt-seitner.com)  
Tel: +49 (0) 8152 37200  
Fax: +49 (0) 8152 79880