

IK-TU61 SPECIFICATION SHEET

Main features: 3CCD, 1/2" or 1/3" RGB micro prism system, remote head colour camera, VBS, Y/C,RGB, digital RGB (LVDS) 10bit/colour out, 2:1 interlaced 800 TV lines, S/N 64 dB, automatic/manual shading correction, automatic black balance, 3 scene files, freeze mode operation.



Power supply	DC12V±10%
Power consumption	approx. 8W (including a camera head)
Pick-up system	RGB, 3CCD, Micro prism system
Available image sensor (Effective pixels)	1/2 inch, 1/3 inch IT-CCD (Horizontal: 752pixels, Vertical: 582pixels)
Scanning system	2:1 interlace
Scan frequency	Horizontal: 15.625kHz, Vertical: 50Hz
Sync system	Internal/External (Automatic switching)
Horizontal resolution	JK-TU62H connection: 800TV lines
Sensitivity	F11 standard (2000 lx, 3000K)
Minimum illumination	4 lx (F2.2, Sensitivity+20dB, 3000K)
SN ratio	64dB standard
Lens mount	C mount (flange back: 17.526mm in-air)
Ambient temperature	32 to 104° F (0 to 40°C)
Ambient humidity	Less than 90%
Weight	Approx. 1.57 lbs (710g) CCU IK-TU61
External dimension	4.33"(W) x 1.57"(H) x 6.14(D)
3 Scene file (user memories)	A, B, C
White balance	ATW (Automatic tracing balance),
Gain	AUTO (Automatic gain control), MANUAL (Manual), OFF (0dB)
Output signal	VBS: 75 Ohm unbalanced, BNC connector, PAL standard Y/C: 75 Ohm unbalanced, S terminal RGB or Y/P _R /P _B : 75 Ohm unbalanced, D sub 9 pin connector VBS or Y/C: 75 Ohm unbalanced, D sub 9 pin connector
External sync input	VBS/BS: 75 Ohm unbalanced, Sync negative, BNC connector Sync 0.3V±0.1V, Burst 0.3V±0.1V HD / VD: 2—5V(p-p) Negative
Sync signal output	SYNC: 2.5V±1V(p-p) 75 Ohm unbalanced HD, VD, INDEX: 5V +0.5/-1.0 V(p-p), Negative, Load impedance: < 10kOhm
External trigger input	TRIGGER: Low level: Less than 0.4V, High level: 3.4—5V 1 Pulse: Positive/Negative selectable
Interfaces	Serial data interface (RS-232C)
	Digital signal interface (LVDS): Trig (input) RGB (output): 10bit x 3 Pixel CLK (output) Field ID (output) Line EN (output) Frame EN (output)
	<i>Design and specifications are subject to change without notice</i>

JK-TU62 / -TU63H SPECIFICATION SHEET

Main features: 3CCD, 1/2" or 1/3" RGB micro prism system, remote head colour camera, VBS, Y/C, RGB, digital RGB (LVDS) 10bit/colour out, 2:1 interlaced 800/750 TV lines, S/N 64 dB, C mount



<u>JK-TU62H</u>	<u>1/2" 3CCD remote head</u>
<u>Specifications</u>	
Image sensor	1/2inch IT-CCD
Effective pixels	Horizontal: 752 pixels, Vertical: 582 pixels
Horizontal resolution	800TV lines
Sensitivity	F11 standard (2000lx, 3000K)
Minimum illumination	4 lx (F2.2, Sensitivity + 20dB, 3000K)
SN ratio	64dB standard
Lens mount	C Mount (flange back: 17.526mm in-air)
Ambient temperature	32 to 104° F (0°to 40°C)
Ambient humidity	Less than 90%
Weight	Approx. 2.82 oz (80g)
<u>JK-TU63H</u>	<u>1/3" 3CCD remote head</u>
<u>Specifications</u>	
Image sensor	1/3inch IT-CCD
Effective pixels	Horizontal: 752 pixels, Vertical: 582 pixels
Horizontal resolution	750TV lines
Sensitivity	F11 standard (2000lx, 3000K)
Minimum illumination	4 lx (F2.2, Sensitivity + 20dB, 3000K)
SN ratio	64dB standard
Lens mount	C-Mount (flange back: 17.526mm in-air)
Ambient temperature	32 to 104° F (0°to 40°C)
Ambient humidity	Less than 90%
Weight	Approx. 1.94 oz (55g)