

Color-Camera

WAT-231S



Features:

- Ultra miniature, high resolution, Y/C-output
- 1/3" with very small dimensions
- Resolution > 480 TV-lines (Y/C)
- Electronic Shutter
- AGC on/off switchable
- DSP (digital signal processing)
- White balance corrections selectable
- Electronic iris, flickerless and 6 manual settings

Technical specification

Image sensor	1/3" Interline Transfer CCD Sensor
TV norm	NTSC PAL
Number of pixels	811(H) x 508(V) 795(H) x 596(V)
Sync. System	Internal
Horizontal Resolution	more than 450 TV-lines / 480 TV-lines Y/C
Min. Illuminance	0.25 Lux F1.2 (AGC high)
S/N Ratio	more than 50 dB (AGC off)
Gamma	0.45 (on) / 1.0 (off)
White Balance	Auto/Preset (3200°K, 4300°K, 5100°K, 6300°K)/Manual
Backlight compensation	On/off selectable
Lens Mount	CS-Mount
AGC	Off/Low/High
Electr. Iris	Auto 1/50 - 1/100,000 sec
Electr. Shutter	Off (1/50), 1/250, 1/500, 1/1000, 1/2000, 1/4000, 1/10000 and flickerless 1/120
Auto iris	Video / DC drive selectable
Video Out	FBAS 1V _{ss} 75Ohm / Y/C output
Power Supply	12 V ± 10% DC
Current consumption	max. 190 mA
Operating Temp.	-10°C to +40°C
Dimensions	43.5 mm (W) x 44 mm (H) x 64.5 mm(L)
Weight	160 g

SDT · Dr. Seitner GmbH

Muehlbachstrasse 20 · 82229 Seefeld / Germany

phone : +49-8152-3720-0 · fax : +49-8152-79880

e-mail : org@sdt-seitner.com · internet : www.sdt-seitner.com