

Color-Camera

WAT-202D



Features:

- Ultra miniature, high sensitivity 1.0 lux
- High Resolution >450 TV-lines
- DSP (digital signal processing)
- Automatic white balance, backlight compensation
- White balance corrections selectable
- Electronic iris, flickerless and 6 manual settings
- Also available with Y/C output as WAT-202D Y/C

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 /470 TV-lines (Y/C version)
Min. Illuminance	1.0 Lux F1.2 (AGC high), 4.0 lux F1.2 (AGC low)
S/N Ratio	more than 50 dB (AGC off, $\gamma = 1$)
Gamma	0.45(on)/1.0 (off) selectable
White Balance	Auto/Preset (3200°K, 5100°K, 4200°K, 6300°K)
Backlight compensation	On/off selectable
Lens Mount	C-Mount
AGC	12/24/36 dB
Electr. Iris	Auto 1/50 - 1/100,000 sec
Electr. Shutter	Off (1/50), (1/250), (1/500), 1/1000), (1/2000), (1/4000) and flickerless (1/120)
Video Out	FBAS 1V _{ss} 75Ohm
Power Supply	12 V DC
Power	approx. 2,3 W
Operating Temp.	-10°C to +40°C
Dimensions	42 mm (W) x 42 mm (H) x 55 mm(L)
Weight	160 g

SDT

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