

# WAT-525EX Monochrome camera

## 【SPECIFICATIONS】

Model	WAT-525EX (EIA, CCIR)
Pick-up element	1/2inch Interline transfer CCD image sensor
Number of total pixels	811(H) × 508(V) (EIA), 795(H) × 596(V) (CCIR)
Number of effective pixels	768(H) × 494(V) (EIA), 752(H) × 582(V) (CCIR)
Unit cell size	7.4 μm(H) × 5.95 μm(V) (EIA), 8.6 μm(H) × 8.3 μm(V) (CCIR)
Scanning system	2:1 interlace
Synchronizing system	Internal/External
External sync system	C. Sync/C. Video
External sync signal	Sync signal 0.2 ~ 4.0Vp-p
Video output	Composite Video, 1Vp-p, 75ohm Unbalanced
Resolution(Horizontal)	550TV lines(center)
Minimum illumination	0.004 lx. F1.4 (AGC 32dB)
Gamma correction	$\gamma \cong 0.45/OFF$
AGC	Hi:5~32dB(AGC), Lo:5~24dB(AGC), OFF: 5~32dB(Manual)
S/N Ratio	50dB (AGC gain 5dB)
Electronic shutter speeds	1/250, 1/500, 1/1000, 1/2000, 1/5000, 1/10000, 1/100000sec. OFF, FL, EI:OFF~1/100000sec.
Lens mount	CS-mount
Auto iris	DC/VIDEO auto selectable
Installation screw	U 1/4inch (D=5mm) (Top/Bottom)
Connection terminal	Video out(BNC), Sync in(BNC), Power, Auto iris
Power supply	DC +10.8~13.2V (12V±10%)
Current	Max. 150mA
Operating temperature	-10°C ~ +40°C
Storage temperature	-30°C ~ +70°C
Dimensions	44.0(W) × 43.5(H) × 53.0(D)mm
Weight	Approx. 130g
Accessories	DC plug(WPDC12), IRIS plug(AIC-G)

## 【DIMENSIONS】 (mm)

