



High Resolution Miniature Color Camera

WAT-260S



option Active Visual Mate

Selection of the functional parameters can be set as desired by using the Active Visual Mate.

- High resolution : 450TVL
- Sharp image using DSP (Digital Signal Processing)
- Super miniature model ; suitable for installation in confined spaces
- Various lenses available
(Glass : f3.8, f1.9, f2.5, f6.0, f8.0, f12.0, Pinhole : f3.7)

Watec

Watec Co., Ltd.
254-2 Nihonkoku, Daihoji, Tsuruoka-Shi, Yamagata-Ken, 997-0017, Japan
TEL : +81-235-25-7164 FAX : +81-235-23-4409
E-mail : info-o@watec.co.jp URL : <http://www.watec.net>

High Resolution Miniature Color Camera

WAT-260S

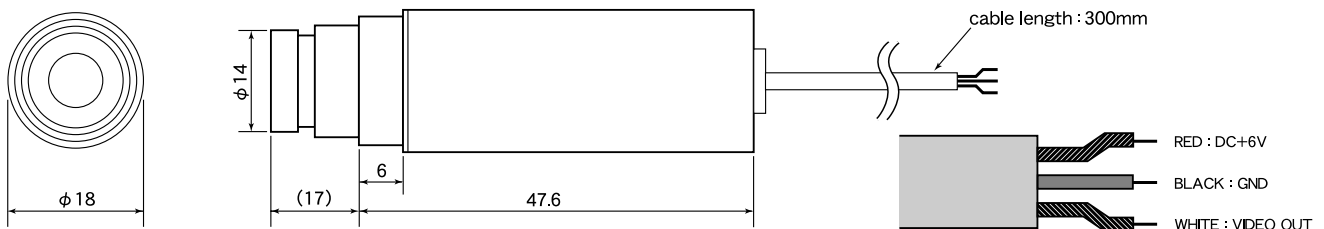
Specifications

	WAT-260S	
	NTSC	PAL
Pick-up element	1/4 inch interline transfer CCD image sensor	
Number of total pixels	768 (H) × 494 (V)	752 (H) × 582 (V)
Color filter	Cy, Ye, Mg, G complementary color filter	
Scanning system	2:1 interlaced	
Horizontal scanning frequency	15.734kHz	15.625kHz
Vertical scanning frequency	60Hz	50Hz
Synchronizing system	Internal	
Video output	Composite video, 1.0V (p-p), 75Ω (Unbalanced)	
White balance	ATW	
ATW range	2500K – 9500K	
AGC range	24dB (6 – 30dB)	
AES range	1/60 – 1/100,000 sec.	1/50 – 1/100,000 sec.
Resolution (H)	450TVL (Center)	
S/N ratio	More than 50dB (AGC OFF, γ OFF)	
Minimum illumination	1.6 lx. (F2.0)	
Gamma characteristics	γ ≅ 0.45	
Back light compensation	ON	
Power supply	DC+6V (5.0 – 7.6V)	
Current	1.08W (typ)	
Operating temperature	-10°C – +40°C	
Operating humidity	Less than 95RH (Without condensation)	
Storage temperature	-30°C – +70°C	
Storage humidity	Less than 95RH (Without condensation)	
Size	φ18mm × L47.6mm + lens	
Standard lenses	G3.8mm or P3.7mm	
Cable length	300mm	
Weight	28g	

Available Lenses

	P3.7 (Standard)	G3.8 (Standard)	G1.9 (Option)	G2.5 (Option)	G6.0 (Option)	G8.0 (Option)	G12.0 (Option)
Type	Pinhole	Glass	Glass	Glass	Glass	Glass	Glass
Focal length	3.7mm	3.8mm	1.9mm	2.5mm	6.0mm	8.0mm	12.0mm
F-stop	F4.5	F2.0	F2.0	F2.0	F2.5	F2.0	F2.0
Angle of view (HXV)	54.2° × 40.6°	53° × 40°	115.2° × 83.7°	84° × 62°	34° × 25°	25° × 19°	17° × 13°

Dimensions (mm)



※Design and specifications are subject to change without notice

Watec Co., Ltd.

254-2 Nihonkoku, Daihoji, Tsuruoka-Shi, Yamagata-Ken, 997-0017, Japan

TEL : +81-235-25-7164 FAX : +81-235-23-4409

E-mail : info-o@watec.co.jp URL : http://www.watec.net