

- 11) Select any required back light area by **⑬**BACK LIGHT to one of its 4 positions.

	Area	Switch
1. Default		
2. Center		
3. Lower		
4. Center + Lower		

※The switches are set to OFF(Default) upon shipment.

- 12) Set the shutter mode by **⑭**ELECTRONIC SHUTTER ON/OFF SWITCH. When shutter mode is OFF, fix the shutter speed to EIA1/60, CCIR1/50. When shutter mode is ON, select the shutter speed mode by **⑮**AE MODE CONTROL.

※The switch is set to OFF upon shipment.

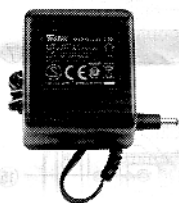
- 13) Select any required shutter speed by the **⑮**AE MODE CONTROL to one of its 10 positions.

No.	Mode	Shutter Speeds (Sec.)	
		EIA	CCIR
0	FL	1/100	1/120
1	ES		1/250
2	ES		1/500
3	ES		1/1000
4	ES		1/2000
5	ES		1/5000
6	ES		1/10000
7	ES		1/100000
8	EI: OFF	1/60-1/100000	1/50-1/100000
9	EI: FL	1/100-1/100000	1/120-1/100000

※In EI mode, intense light may leave a trail on the screen longitude. This smearing is a natural phenomenon and is not due to equipment failure or fault.

## Options

To purchase these options, please contact the distributor or dealer from which you purchased the WAT-902H2/3 ULTIMATE.



### AC Adaptor (AD901-120/230)

The recommended AC adaptor for the WAT-902H2/3 ULTIMATE for a constant and stable power supply.



### C-mount Adaptor (30CMA-R)

This lens mount adaptor is used to convert a CS-mount to a C-mount.



### Mini Stand (MS50)

A convenient stand for the WAT-902H2/3 ULTIMATE. With this stand, the camera can be adjusted to any desired angle.

## Specifications

### WAT-902H2 ULTIMATE

Model	WAT-902H2 ULTIMATE	
	EIA	CCIR
Pick-up Element	1/2 inch interline transfer CCD image sensor	
Unit Cell Size	8.4 μm(H) × 9.8 μm(V)	8.6 μm(H) × 8.3 μm(V)
Minimum Illumination	0.0001 lx. F1.4	
Power Consumption	1.32W (110mA)	

### WAT-902H3 ULTIMATE

Model	WAT-902H3 ULTIMATE	
	EIA	CCIR
Pick-up Element	1/3 inch interline transfer CCD image sensor	
Unit Cell Size	6.35 μm(H) × 7.4 μm(V)	6.5 μm(H) × 6.25 μm(V)
Minimum Illumination	0.0002 lx. F1.4	
Power Consumption	1.26W (105mA)	

### WAT-902H2 ULTIMATE / WAT-902H3 ULTIMATE

Model	WAT-902H2/3 ULTIMATE		
	EIA	CCIR	
Number of Total Pixels	811(H) × 508(V)	795(H) × 596(V)	
Number of Effective Pixels	768(H) × 494(V)	752(H) × 582(V)	
Sync. System	Internal		
Scanning System	2:1 interlace		
Video Output	Composite video, 1.0 V(p-p) 75Ω (Unbalanced)		
Resolution (H)	More than 570TVL (Center)		
S/N	More than 50dB (AGC=5dB, γ=1.0)		
AE Mode	OFF	1/60 sec.	1/50 sec.
	FL	1/100 sec.	1/120 sec.
	ES	1/250, 1/500, 1/1000, 1/2000 1/5000, 1/10000, 1/100000 sec.	
	EI: OFF	1/60-1/100000 sec. 1/50-1/100000 sec.	
	EI: FL	1/100-1/100000 sec. 1/120-1/100000 sec.	
AGC	HI: 5-60dB / LO: 5-32dB		
MGC	5-60dB		
Gamma Characteristics	γ ≈ 0.35(HI) / γ ≈ 0.45(LO) / γ = 1.0(OFF)		
Lens iris	Video / DC (EIAJ arrangement, Auto-select)		
Back Light Compensation	ON / OFF		
Power Supply	DC+12V ± 10%		
Operating Temperature	-10 ~ +40°C (Without condensation)		
Operating Humidity	Less than 95% RH		
Storage Temperature	-30 ~ +70°C (Without condensation)		
Storage Humidity	Less than 95% RH		
Lens Mount	CS-mount (Back focus adjustable)		
Size	36(W) × 40(H) × 63(L) (mm)		
Weight	Approx. 98g		

- Design and specifications are subject to change without notice.
- Watec is not responsible for any inconvenience or the attendant damages to the video and monitoring recording equipment caused by misuse, mis-operation or improper wiring of our equipment.
- If for any reason the WAT-902H2/3 ULTIMATE does not work properly, or if you have any questions regarding installation or operation, please contact the distributor or dealer from which it was purchased.

## Contact information

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