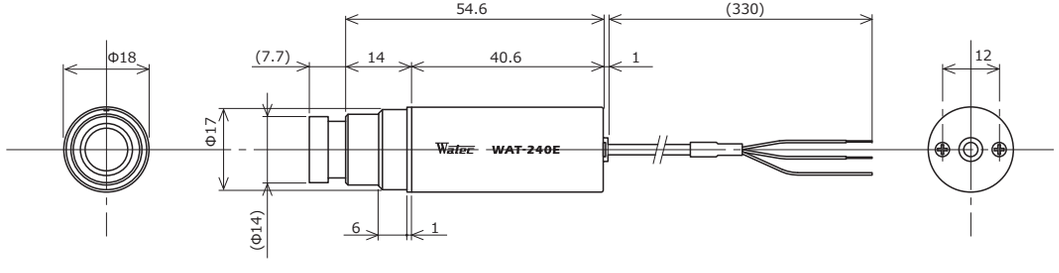
WAT-240E (G3.8) 1/4” Miniature Camera

Compact cylindrical camera with Built-in lens

Key features

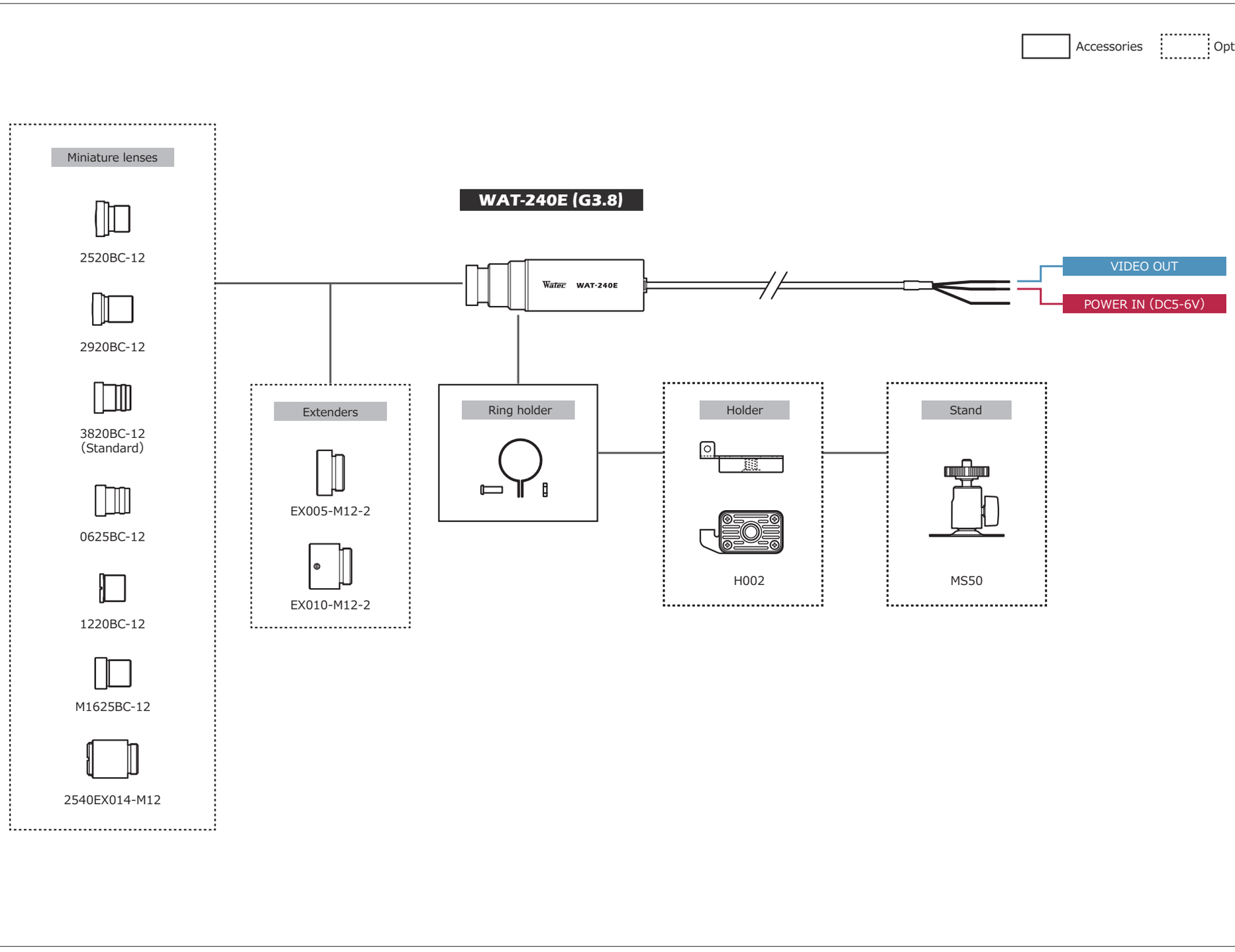
- Resolution of 480TVL
- Versatile use for limited space, general surveillance, embedded system and part of image processing system
- Various Optional M12 lenses available ※Glass lenses and pinhole lens are not interchangeable

Dimensions



Specifications

Video standard		NTSC	PAL
Pick-up element		1/4 inch CMOS image sensor	
Number of effective pixels		648(H) × 488(V)	
Unit cell size		5.6μm(H) × 5.6μm(V)	
Imaging system		RGB primary color bayer arrangement mosaic filters on chip	
Synchronizing system		Internal	
Scanning system		Progressive	
Video output		Composite: 1.0 V(p-p) 75Ω (Unbalanced)	
Resolution (H)		More than 480TVL (Center)	
Minimum illumination		0.3 lx F2.0 (AGC ON=42dB, Shutter=OFF)	
S/N		More than 52dB (AGC OFF=0dB, γ=1.0)	
Function settings		–	
AE mode	Fixed	–	
	EI	1/60 - 1/100000 sec.	1/50 - 1/100000 sec.
White balance		ATW	
AGC	ON	0 - 42dB	
	OFF	–	
MGC		–	
Day/Night		–	
Gamma characteristics		γ≒0.45	
Video level		85IRE	
Noise reduction		–	
Wide dynamic range		–	
Lens iris		–	
Back light compensation		BLC	
White blemish correction		–	
Sharpness		–	
Defog		–	
Digital zoom		–	
Privacy mask		–	
Mirror image		–	
Freeze		–	
Motion detection		–	
Neg.image		–	
Interface		3P cable (Composite Video, Power in)	
Power supply		DC+5V - 6V	
Power consumption		0.66W/110mA (DC+6V)	
Operating temperature		-10 - +50℃	
Storage temperature		-30 - +70℃	
Operating / Storage humidity		95% RH or less (Without condensation)	
Lens mount		M12 P=0.5	
Standard lens		3820BC-12 (f3.8 F2.0)	
Cable length		330mm	
Weight		Approx. 23g	
Accessories		Ring holder	


Accessories
Options
Miniature lenses
2520BC-12
2920BC-12
3820BC-12
(Standard)
0625BC-12
1220BC-12
M1625BC-12
2540EX014-M12
WAT-240E (G3.8)
WAT-240E
VIDEO OUT
POWER IN (DC5-6V)
Extenders
EX005-M12-2
EX010-M12-2
Ring holder
Holder
H002
Stand
MS50