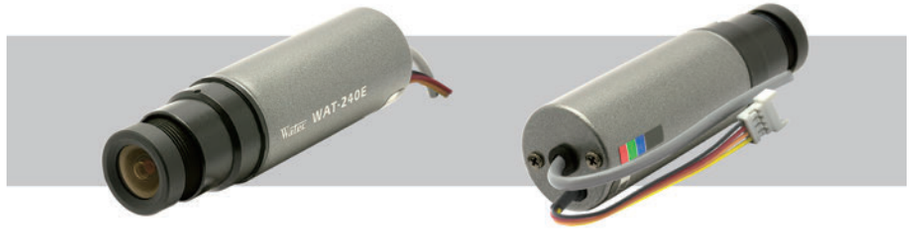
WAT-240E/FS (G3.8) 1/4" Miniature Camera

Function setting controllable WAT-240E

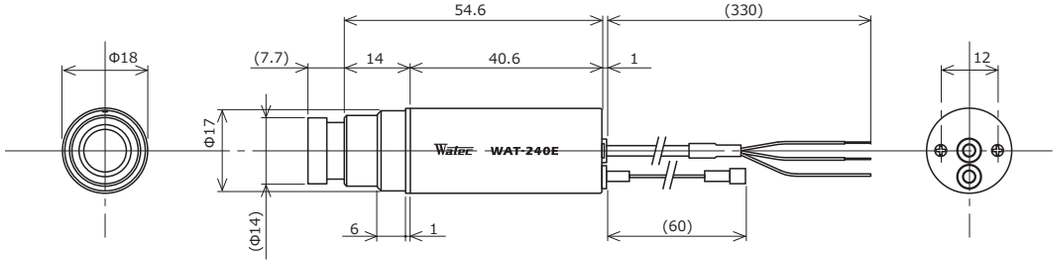


***NO CE & FCC**

Key features

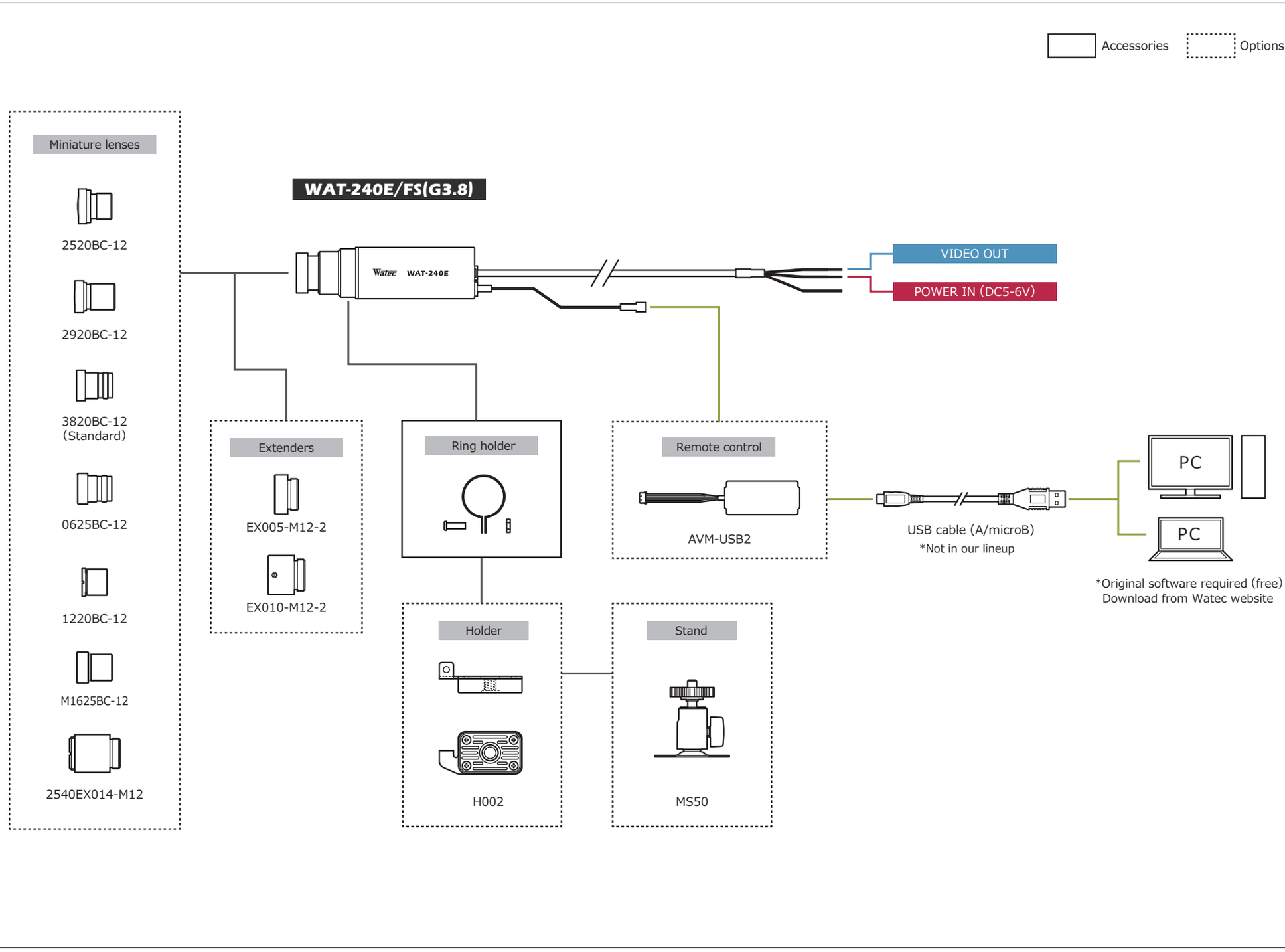
- Advanced setting available through an optional AVM-USB2
- Versatile application for the miniature size and the shape
- Resolution 480 TVL
- Various lenses available (M12) *Glass lenses and pinhole lens are not interchangeable
- Pinhole lens (P3.7) and BNC output (CB) versions available

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		Communication : USB (AVM-USB2)	
AE mode	Fixed	1/60, 1/100 sec.	1/50, 1/120 sec.
		1/250, 1/500, 1/1000, 1/2500, 1/5000, 1/10000, 1/20000, 1/50000, 1/100000 sec.	
	EI	1/60 - 1/100000 (Max.1/60 - 1/100000) sec.	1/50 - 1/100000 (Max.1/50 - 1/100000) sec.
White balance		ATW, MWB, PRESET (3200K, 4400K, 5100K, 8200K)	
AGC	ON	0 - 42dB (Max.0 - 42)	
	OFF	0dB	
MGC		0 - 42dB (1dB step)	
Day/Night		–	
Gamma characteristics		γ≒0.45, 0.6, 1.0	
Video level		Adjustable	
Noise reduction		–	
Wide dynamic range			
Lens iris		–	
Back light compensation		BLC	
White blemish correction		–	
Sharpness		Level adjustable	
Defog		–	
Digital zoom		–	
Privacy mask		–	
Mirror image		OFF, V-FLIP, H-FLIR, HV-FLIP	
Freeze		–	
Motion detection		–	
Neg.image		–	
Interface		3P cable (Composite Video, Power in), 4P connector (Remote control)	
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		3P cable : 330mm, 4P cable : 60mm	
Weight		Approx. 26g	
Accessories		Ring holder	


Accessories
Options
Miniature lenses
2520BC-12
2920BC-12
3820BC-12
(Standard)
0625BC-12
1220BC-12
M1625BC-12
2540EX014-M12
WAT-240E/FS(G3.8)
WAT-240E
VIDEO OUT
POWER IN (DC5-6V)
Extenders
EX005-M12-2
EX010-M12-2
Ring holder
Remote control
AVM-USB2
USB cable (A/microB)
*Not in our lineup
PC
PC
*Original software required (free)
Download from Watec website
Holder
H002
Stand
MS50