

# WAT-230V2 (P3.7) 1/4" Miniature Camera

Ultra-compact design for easy installation and limited space

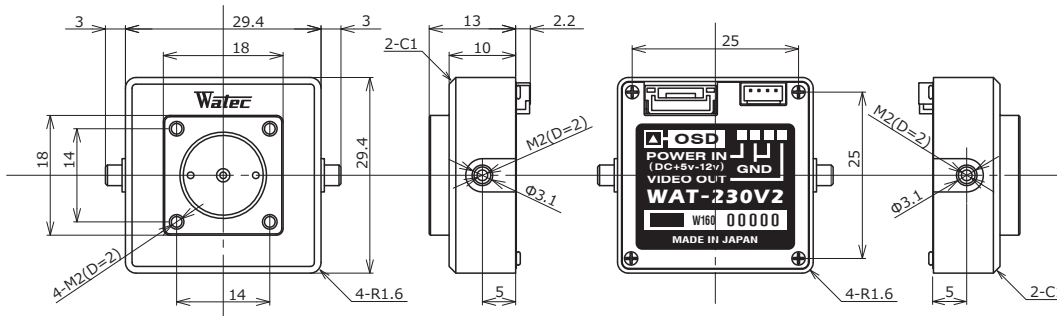


## Key features

- Wide input voltage range (\*DC 5V to 12V)
- Advanced setting available by OSD (On Screen Display) through an optional remote control

\*Glass lenses and pinhole lens are not interchangeable

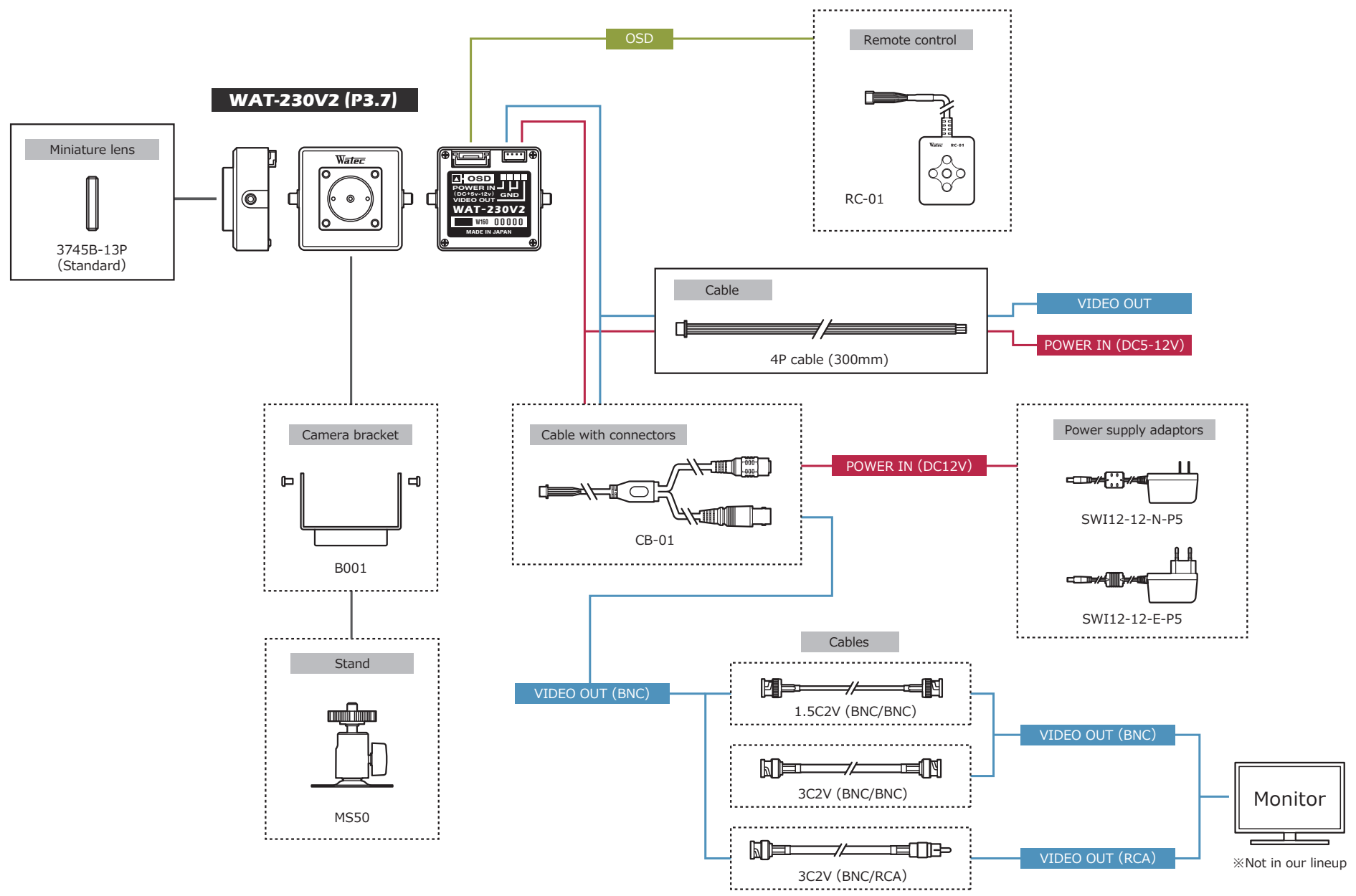
## Dimensions



## Specifications

		NTSC	PAL
Video standard		NTSC	PAL
Pick-up element		1/4 inch interline transfer CCD image sensor	
Number of effective pixels		976(H) × 494(V)	976(H) × 582(V)
Unit cell size		3.75μm(H) × 5.56μm(V)	3.75μm(H) × 4.69μm(V)
Imaging system		Ye, Cy, Mg, and G complementary color mosaic filters on chip	
Synchronizing system		Internal	
Scanning system		2:1 interlace	
Video outputs		Composite: 1.0 V(p-p) 75Ω (Unbalanced)	
Resolution (H)		More than 650TVL (Center)	
Minimum illumination		0.6 lx F4.5 (AGC ON=45dB, Shutter=OFF)	
S/N		More than 50dB (AGC OFF=0dB, γ≈0.45)	
Function settings		OSD : Remote controller	
AE mode	Fixed	1/60, 1/100 sec.	1/50, 1/120 sec.
	EI	1/250, 1/500, 1/1000, 1/2000, 1/4000, 1/10000 sec.	
		1/60 - 1/100000 sec.	1/50 - 1/100000 sec.
White balance		ATW, AWB, ACR, PWB, MWB, PRESET (5100K, 6300K)	
AGC	ON	0 - 45dB	
	OFF	0dB	
MGC		0 - 42dB (6dB step)	
Day/Night		Digital Auto, Manual	
Gamma characteristics		γ≈0.45	
Video level		Adjustable	
Noise reduction		2DNR OFF/ON Level adjustable	
Wide dynamic range		D-WDR OFF/ON Level adjustable	
Lens iris		-	
Back light compensation		BLC, HSBLC	
White blemish correction		Up to 64 pixels	
Sharpness		Level adjustable	
Defog		OFF/ON Level adjustable	
Digital zoom		-	
Privacy mask		8 masks	
Mirror image		OFF, H-FLIP	
Freeze		-	
Motion detection		-	
Neg.image		-	
Interface		4P connector (Composite Video, Power in), Remote control (RC-01)	
Power supply		DC+5V ~ 12V	
Power consumption		0.775W/155mA (DC+5V), 0.78W/65mA (DC+12V)	
Operating temperature		-10 - +50°C	
Storage temperature		-30 - +70°C	
Operating / Storage humidity		95% RH or less (Without condensation)	
Lens mount		M13 P=1.0	
Standard lens		3745B-13P (f3.7 F4.5)	
Weight		Approx. 27g	
Accessories		4P cable	

Accessories Options



**WAT-230V2 (P3.7)**

Miniature lens  
3745B-13P  
(Standard)

Watec  
OSD  
POWER IN (DC5-12V) GND  
VIDEO OUT  
WAT-230V2  
WISS 00000  
MADE IN JAPAN

Remote control  
RC-01

Cable  
4P cable (300mm)

VIDEO OUT  
POWER IN (DC5-12V)

Camera bracket  
B001

Cable with connectors  
CB-01

Power supply adaptors  
SWI12-12-N-P5  
SWI12-12-E-P5

Stand  
MS50

Cables  
VIDEO OUT (BNC)  
1.5C2V (BNC/BNC)  
3C2V (BNC/BNC)  
3C2V (BNC/RCA)

VIDEO OUT (BNC)  
VIDEO OUT (RCA)



※Not in our lineup