

# WAT-704R (G3.8) 1/4" Miniature Camera

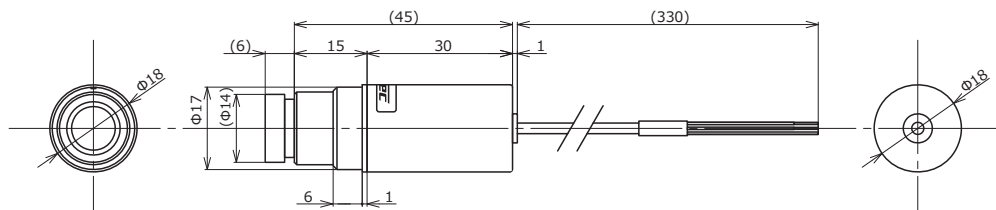
Compact cylindrical camera with built-in lens



## Key features

- Versatile use for limited space, general surveillance, embedded system
- Electric iris, AGC and BLC
- Various optional M13 lenses available ※Glass lenses and pinhole lens are not interchangeable

## Dimensions



## Specifications

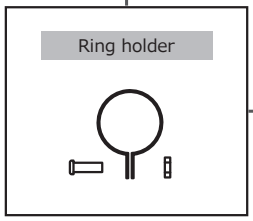
		EIA	CCIR
Pick-up element		1/4 inch interline transfer CCD image sensor	
Number of effective pixels		510(H) × 492(V)	500(H) × 582(V)
Unit cell size		7.15μm(H) × 5.55μm(V)	7.3μm(H) × 4.7μm(V)
Synchronizing system		Internal	
Scanning system		2:1 interlace	
Video output		Composite video, 1.0 V(p-p) 75Ω (Unbalanced)	
Resolution (H)		More than 380TVL (Center)	
Minimum illumination		0.08 lx F2.0 (AGC ON=32dB, Shutter=OFF)	
S/N		More than 46dB (AGC OFF=5dB, γ=1.0)	
Function settings		-	
AE mode	Fixed	-	
	EI	1/60 - 1/100000 sec.	1/50 - 1/100000 sec.
AGC	ON	5 - 32dB	
	OFF	-	
MGC		-	
Gamma characteristics		γ≒0.45	
Video level		100IRE	
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+9V±10%	
Power consumption		0.95W (105mA)	
Operating temperature		-10 - +40°C	
Storage temperature		-30 - +70°C	
Operating / Storage humidity		95% RH or less (Without condensation)	
Lens mount		M13 P=1.0	
Standard lens		3820B-13 (f3.8 F2.0)	
Cable length		330mm	
Weight		Approx. 25g	
Accessories		Ring holder	

Accessories Options

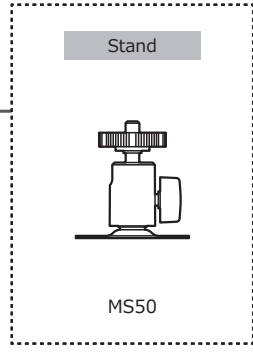
- Miniature lenses
- 2520BC-13
  - 2920BC-13
  - 3820B-13 (Standard)
  - 0625BC-13
  - 0820BC-13
  - 1220BC-13
  - 2540EX014-M13

**WAT-704R (G3.8)**

- Extenders
- EX005-M13
  - EX010-M13



- Holder
- H002



VIDEO OUT  
POWER IN (DC9V)

