

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

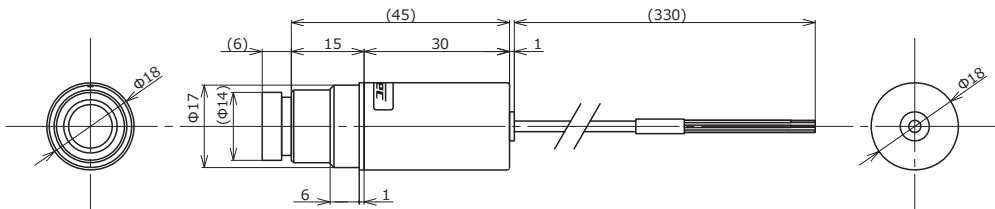
Compact cylindrical camera with built-in lens



## Key features

- Versatile use for limited space, general surveillance, embedded system
- Electric iris, AGC and BLC
- Various optional M13 lenses available

## Dimensions



## Specifications

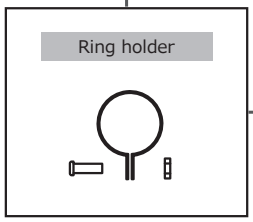
Video standard	EIA	CCIR
Pick-up element	1/4 inch interline transfer CCD image sensor	
Number of effective pixels	510(H) × 492(V)	500(H) × 582(V)
Unit cell size	7.15μm(H) × 5.55μm(V)	7.3μm(H) × 4.7μm(V)
Synchronizing system	Internal	
Scanning system	2:1 interlace	
Video output	Composite video, 1.0 V(p-p), 75Ω (Unbalanced)	
Resolution (H)	More than 380TVL (Center)	
Minimum illumination	0.08 lx F2.0 (AGC ON)	
S/N	More than 46dB (AGC=5dB, γ=1.0)	
AE mode	1/60 - 1/100000 sec.	1/50 - 1/100000 sec.
AGC	5 - 32dB	
Gamma characteristics	γ≈0.45	
Back light compensation	ON	
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

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

- Miniature lenses
- 1920BC-13
  - 2520BC-13
  - 2920BC-13
  - 3820BC-13
  - 0625BC-13
  - 0820BC-13
  - 1220BC-13
  - 2540EX014-M13

- Extenders
- EX005-M13
  - EX010-M13



- Holder
- H002

- Stand
- MS50

VIDEO OUT  
POWER IN (DC9V)

