

# WAT-910HX MBD (G3.7)

1/3" Super High Sensitivity Miniature Board Camera

## Specifications

Video standard		EIA	CCIR
Pick-up element		1/3 inch interline transfer CCD image sensor	
Number of total pixels		811(H) × 507(V)	795(H) × 595(V)
Number of effective pixels		768(H) × 494(V)	752(H) × 582(V)
Unit cell size		6.4μm(H) × 7.5μm(V)	6.5μm(H) × 6.3μm(V)
Synchronizing system		Internal	
Scanning system		2:1 interlace	
Video output		Composite: 1.0 V(p-p) 75Ω, Unbalanced	
Resolution (H)		More than 570TVL (Center)	
Minimum illumination		0.00009 lx F1.8 (AGC=48dB, SENS UP ON)	
S/N		More than 50dB	
Function settings		OSD (On Screen Display) operated by optional remote controller	
AE mode	Fixed	x2, x4, x8, x16, x32, x64, x128, x256 (field)	
		1/60, 1/120 sec.	1/50, 1/100 sec.
		1/250, 1/500, 1/1000, 1/2000, 1/4000, 1/10000 sec.	
		1/60 - 1/1000000 sec.	1/50 - 1/1000000 sec.
	EI	8FLD - 1/1000000 sec. (SENS UP ON)	
Flickerless		OFF, ON, AUTO	
AGC		0 - 42dB (Selectable)	
MGC		6, 12, 18, 24, 30, 36, 42, 48dB	
Gamma characteristics		$\gamma \approx 0.45$	
Noise reduction		2D+3DNR (Level selectable)	
Wide dynamic range		ON (ATR) / OFF	
Motion detection		ON / OFF	
Back light compensation		OFF / BLC / HLC	
White blemish correction		Max 64 dots	
Defog		ON (Level selectable) / OFF	
Digital zoom		ON (x1 - x256, Magnification selectable) / OFF	
Privacy mask		15 masks	
Mirror image		OFF / H-FLIP / V-FLIP / HV-FLIP	
Sharpness		0 - 15 (SHARPNESS)	
Power supply		DC+12V±10%	
Power consumption		0.96W (80mA)	
Operating temperature		-10 - +50°C	
Storage temperature		-30 - +70°C	
Operating / Storage humidity		95% RH or less (Without condensation)	
Lens mount		M12 P=0.5	
Standard lens		M3718BC-12 (f3.7 F1.8)	
Weight		Approx. 14g	
Accessories		4P cable	