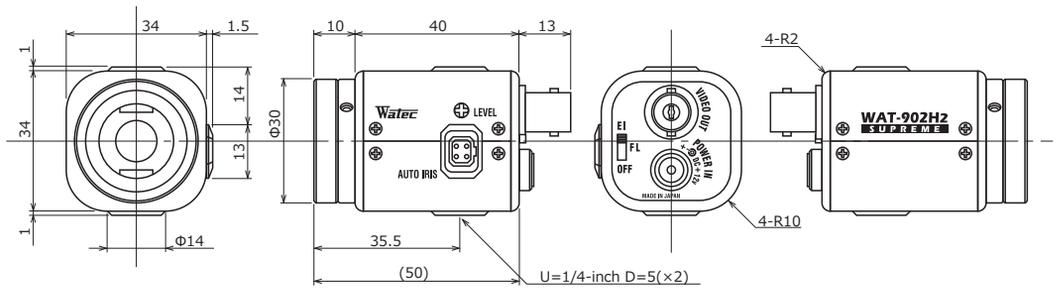
WAT-902H2 SUPREME 1/2" High Sensitivity Camera

High sensitivity with compact and lightweight body

Key features

- Min. illumination 0.0003 lx. F1.4 (AGC HIGH=50dB, Shutter=OFF)
- NIR visibility for poor light condition
- Selectable AGC level and shutter speed for demanding scene conditions
- Video drive iris / DC drive iris auto select

Dimensions



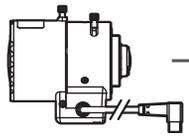
Specifications

Video standard		EIA	CCIR
Pick-up element		1/2 inch interline transfer CCD image sensor	
Number of effective pixels		768(H) × 494(V)	752(H) × 582(V)
Unit cell size		8.4μm(H) × 9.8μm(V)	8.6μm(H) × 8.3μm(V)
Synchronizing system		Internal	
Scanning system		2:1 interlace	
Video output		Composite video, 1.0 V(p-p) 75Ω (Unbalanced)	
Resolution (H)		More than 570TVL (Center)	
Minimum illumination		0.0003 lx F1.4 (AGC HIGH=50dB, Shutter=OFF)	
S/N		More than 46dB (AGC OFF=5dB, γ=1.0)	
Function settings		DIP Switch	
AE mode	Fixed	1/60, 1/100 sec.	1/50, 1/120 sec.
	EI	1/60 - 1/100000 sec.	1/50 - 1/100000 sec.
AGC	ON	5 - 32dB (LOW), 5 - 50dB (HIGH)	
	OFF	–	
MGC		–	
Gamma characteristics		γ≒0.45	
Video level		100IRE	
Noise reduction		–	
Wide dynamic range		–	
Lens iris		Video / DC (EIAJ, Auto-select)	
Back light compensation		BLC	
White blemish correction		–	
Sharpness		–	
Defog		–	
Digital zoom		–	
Privacy mask		–	
Mirror image		–	
Freeze		–	
Motion detection		–	
Neg.image		–	
Interface		BNC (Composite Video), Power in, Auto iris	
Power supply		DC+12V±10%	
Power consumption		1.98W (165mA)	
Operating temperature		-10 - +40℃	
Storage temperature		-30 - +70℃	
Operating / Storage humidity		95% RH or less (Without condensation)	
Lens mount		CS mount	
Weight		Approx. 90g	
Accessories		WPDC12 (DC plug), AIC-G (Iris plug), Hex. Wrench	

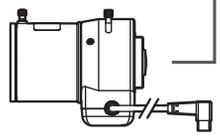
Options

C-mount lenses / Mount adaptors

*see www.variovision.tv for more lens options



12VG412ASIR

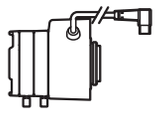


12VG1040ASIR

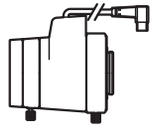
30CMA-R
*402806

CS-mount lenses

*see www.variovision.tv for more lens options



HG3Z4512FCS-IR



HG3Z1014FCS
*2223C

Miniature lenses / Mount adaptors

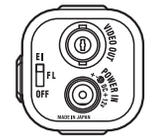
0814BC-12
*401618

22PMA-M12-125
*401595

3745B-13P
*402825

22PMA-M13-040
*401596

WAT-902H2 SUPREME



VIDEO OUT (BNC)

POWER IN (DC12V)

Cables

3C2V (BNC/BNC) *503291

BNC

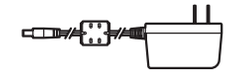
3C2V (BNC/RCA) *402607

RCA

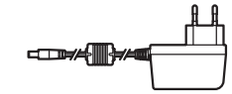
Monitor

*see www.variovision.tv for options

Power supply adaptors



SWI12-12-N-P5

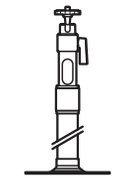


SWI12-12-E-P5 *303046

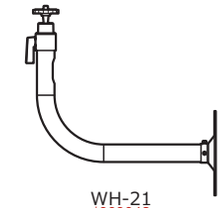
Stands

MS50
*402599

WH-31
*303040



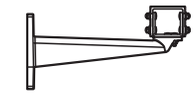
WH-11
*303041



WH-21
*303042

Water resistant camera housing / Mounting brackets

VCHO-15S



WH-6N

PTP-300

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*xxxxx = Variovision Art.N.