

WAT-535EX2 1/3" External Sync. Camera

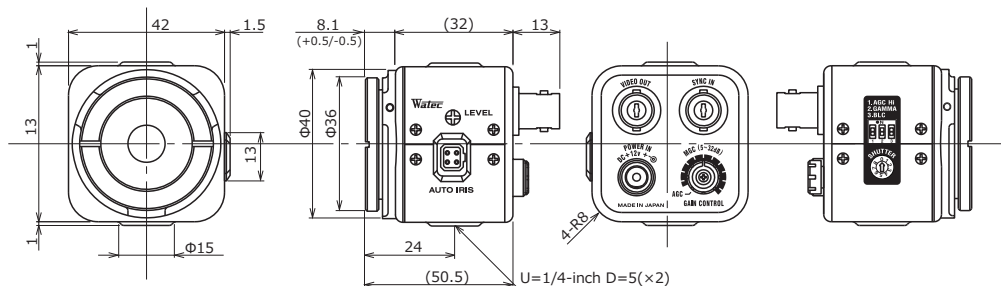
Applied in surveillance system using multiple cameras as a whole



Key features

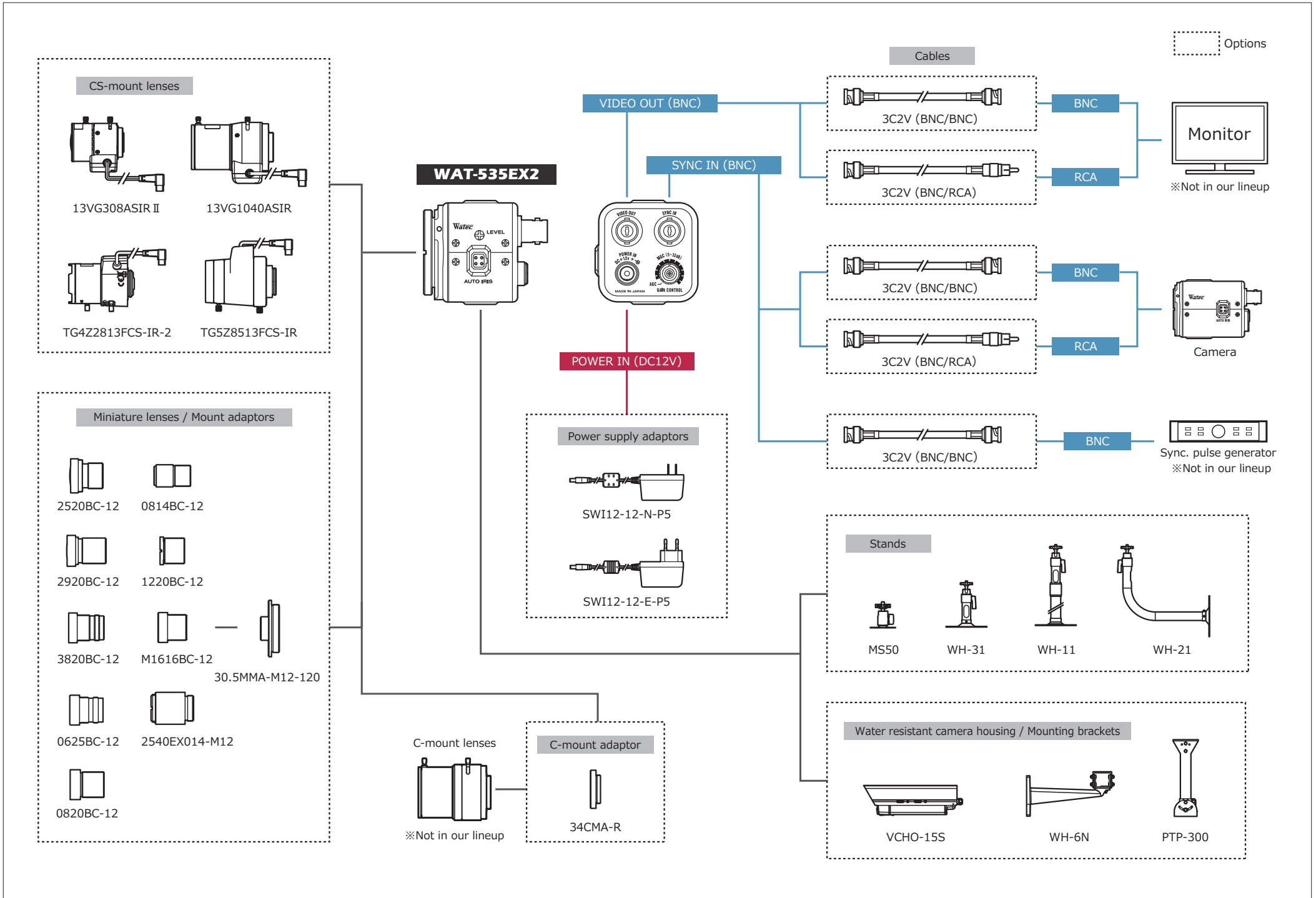
- Composite video and composite sync are available for synchronization scheme
- Electric Iris, electric shutter, AGC, MGC, BLC and gamma
- Adjustable back focus CS mount

Dimensions



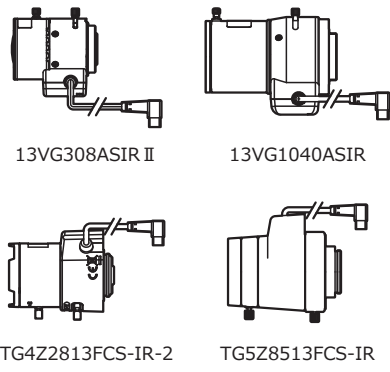
Specifications

Video standard		EIA	CCIR
Pick-up element		1/3 inch interline transfer CCD image sensor	
Number of effective pixels		768(H) × 494(V)	752(H) × 582(V)
Unit cell size		6.35μm(H) × 7.4μm(V)	6.5μm(H) × 6.25μm(V)
Synchronizing system		Internal/External (Auto-select)	
Scanning system		2:1 interlace	
Video output		Composite video, 1.0 V(p-p) 75Ω (Unbalanced)	
External Sync.	System	Composite video/Composite sync.	
	Signal Level	Sync. Signal portion 0.2-5.0V(p-p)	
Resolution (H)		More than 570TVL (Center)	
Minimum illumination		0.003 lx F1.4 (AGC HIGH=32dB, Shutter=OFF)	
S/N		More than 54dB (AGC OFF=5dB, γ=1.0)	
Function settings		DIP Switch	
AE mode	Fixed	1/60, 1/100 sec.	1/50, 1/120 sec.
		1/250, 1/500, 1/1000, 1/2000, 1/5000, 1/10000, 1/100000 sec.	
	EI	1/60 - 1/100000 sec.	1/50 - 1/100000 sec.
AGC	ON	5 - 20dB (LOW), 5 - 32dB (HIGH)	
	OFF	-	
MGC		5 - 32dB	
Gamma characteristics		γ≒0.45, 1.0	
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), BNC (SYNC IN), Power in, Auto iris	
Power supply		DC+12V±10%	
Power consumption		1.08W (90mA)	
Operating temperature		-10 - +50°C	
Storage temperature		-30 - +70°C	
Operating / Storage humidity		95% RH or less (Without condensation)	
Lens mount		CS mount (Back focus adjustable)	
Weight		Approx. 120g	
Accessories		WPDC12 (DC plug), AIC-G (Iris plug), Hex. Wrench	

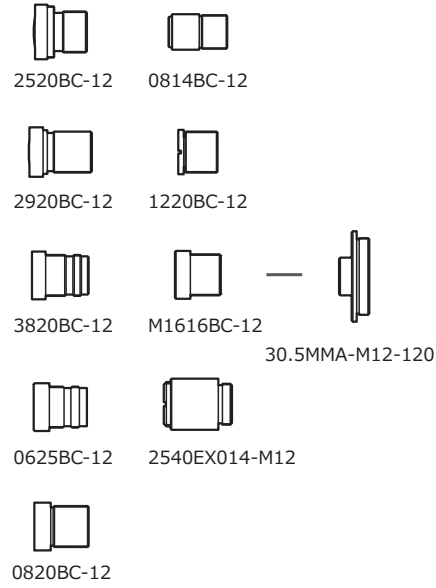


Options

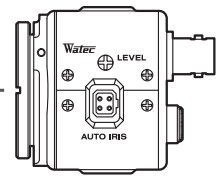
CS-mount lenses



Miniature lenses / Mount adaptors



WAT-535EX2

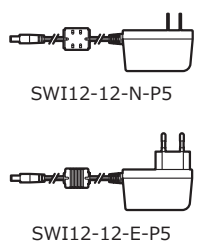


VIDEO OUT (BNC)

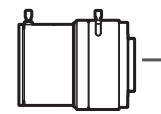
SYNC IN (BNC)

POWER IN (DC12V)

Power supply adaptors



C-mount lenses



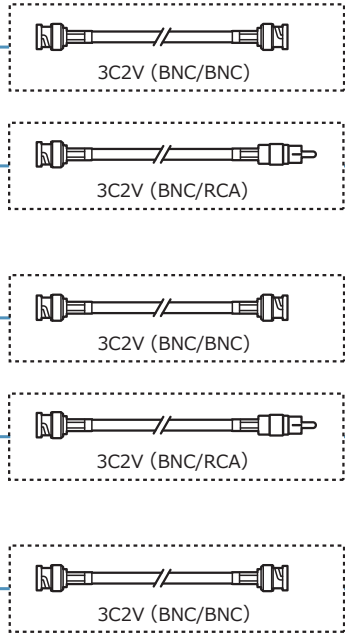
※Not in our lineup

C-mount adaptor



34CMA-R

Cables



BNC

RCA

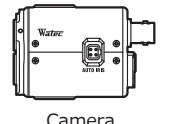
BNC

RCA

BNC



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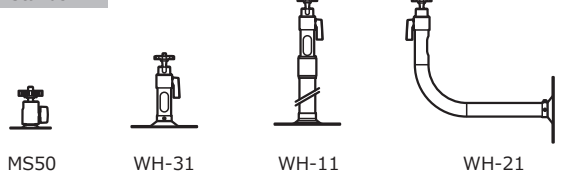


Camera



Sync. pulse generator
※Not in our lineup

Stands



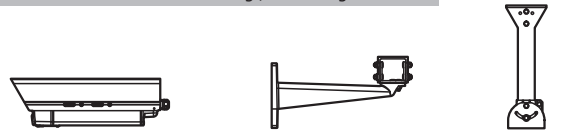
MS50

WH-31

WH-11

WH-21

Water resistant camera housing / Mounting brackets



VCHO-15S

WH-6N

PTP-300