

Analogkameras - *kompakte Kameras für Farb- und Schwarz/Weiss Anwendungen*

1/2" WAT-120N

**Monochrome camera
(For astronomical observation)**



[Characteristics & functions]

- Image storage system (Slow shutter speed)
- Super high sensitivity
- Hand-held remote controller
- High vertical resolution
- Simultaneous output of composite video & Y/C signals
- Still picture
- Shutter speed control (10 steps)
- Manual gain control
- Gamma correction
- Iris lens control (Open/auto)
- Video/DC iris auto-select
- Iris level control

Monochrome

Hochempfindliche S/W Kamera für die Astronomie

0,00002 Lux bei max. Belichtungszeit von 10,24 s (256 Frames)

inkl. Remote Bedienpanel

[Specifications]

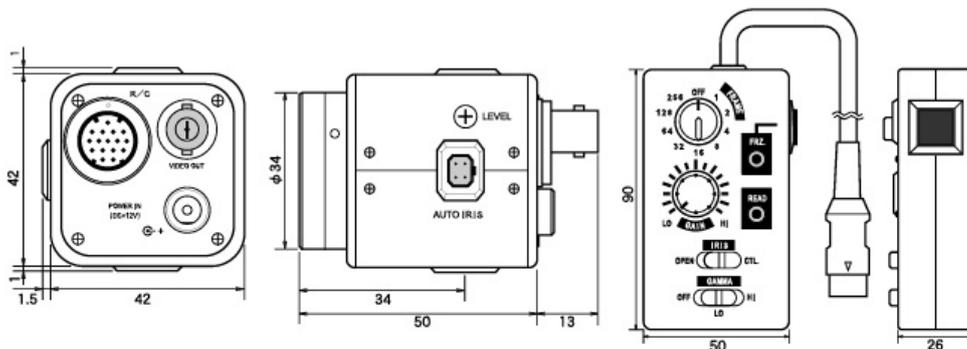
- Effective pixels: 380k(N), 440k(P)
- Resolution: 570TVL(H), 480TVL(V)
- Minimum illumination: 0.00002 lx. F1.4
- Gain control: MGC(8-38dB)
- S/N ratio: 52dB
- Shutter speeds(Frame): OFF, 1, 2, 4, 8, 16, 32, 64, 128, 256
- Gamma: $\gamma \approx 0.35/0.45/1.0$
- Weight: 150g(Controller 210g)

[Accessories]

- WAT-120NRC(Controller)
- WPDC12(DC plug)
- AIC-G(Iris plug)
- 34CMA-R(C-mount adaptor)
- Hexagonal wrench

[Options]

- AD-901(Power supply)
- MS50, S120(Stand)



Analogkameras - *kompakte Kameras für Farb- und Schwarz/Weiss Anwendungen*

**1/2" WAT-902H2
ULTIMATE**

**1/3" WAT-902H3
ULTIMATE**

Monochrome camera



[Characteristics & functions]

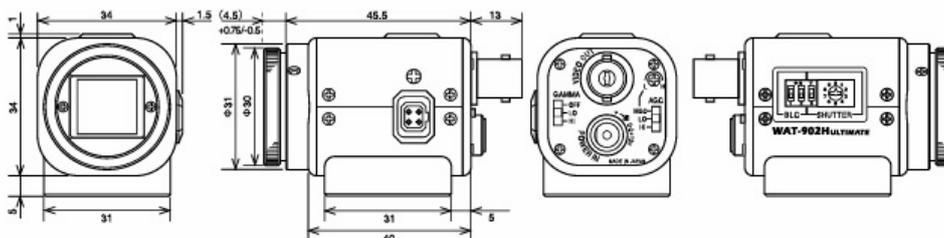
Super High sensitivity(Near IR spectrum)
Multi functions
Compact & lightweight
Electronic iris
AGC/MGC
Gamma correction
Back light compensation
Video/DC iris auto-select

[Specifications]

Effective pixels: 380k(E), 440k(C)
Resolution: 570TVL
Minimum illumination: 0.0001 lx. F1.4(2), 0.0002 lx. F1.4(3)
Gain control: AGC(HI:5-60dB, LO:5-32dB) / MGC(5-60dB)
S/N ratio: 50dB
Shutter speeds: EI1(OFF-1/100,000), EI2(FL-1/100,000),
1/250, 1/500, 1/1,000, 1/2,000, 1/5,000, 1/10,000, 1/100,000
Gamma: $\gamma=0.35/0.45/1.0$
Back light compensation: OFF, Center, Under, Center+Under
emphasis
Weight: 98g

Monochrome

Ultra-hochempfindliche S/W-Kamera
für den Einsatz unter extremen
Lichtverhältnissen bis 0,0001 Lux.



Analogkameras - *kompakte Kameras für Farb- und Schwarz/Weiss Anwendungen*

1/2" DSP WAT-902DM2S 1/3" DSP WAT-902DM3S

Monochrome camera



Monochrome

[Characteristics & functions]

- Super high sensitivity
- Near IR spectrum (2S,3S)
- DSP
- Inverted mirror image function
- Shutter speed control
- Electronic iris
- Flickerless mode
- Back light compensation
- AGC
- Gamma correction
- Video/DC iris auto-select
- Simultaneous output of composite video & Y/C signals
- Iris level control

[Specifications]

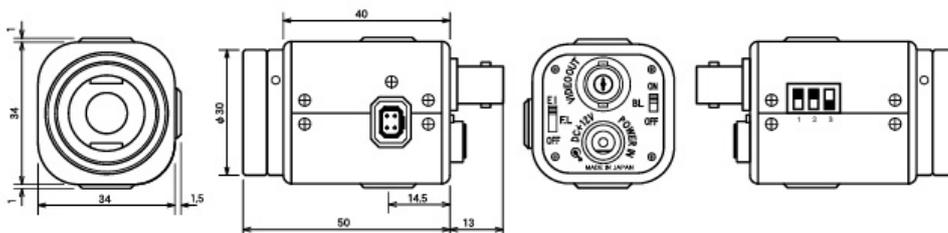
- Effective pixels: 380k(N), 440k(P)
- Resolution: 570TVL
- Minimum illumination: 0.0006 lx. F1.4(2S), 0.0018 lx. F1.4(2), 0.0012 lx. F1.4(3S), 0.002 lx. F1.4(3)
- Gain control: AGC(HI:8-40dB, LO:8-22dB)
- Back light compensation: ON/OFF
- S/N ratio: 52dB
- Shutter speeds: EI(1/60(N) or 1/50(P)-1/100,000), FL, OFF
- Weight: 90g

[Accessories]

- WPDC12(DC plug)
- AIC-G(Iris plug)
- Hexagonal wrench

[Options]

- AD-901(Power supply)
- MS50, S120(Stand)



Analogkameras - *kompakte Kameras für Farb- und Schwarz/Weiss Anwendungen*

**1/2" WAT-902H2
SUPREME**

**1/3" WAT-902H3
SUPREME**

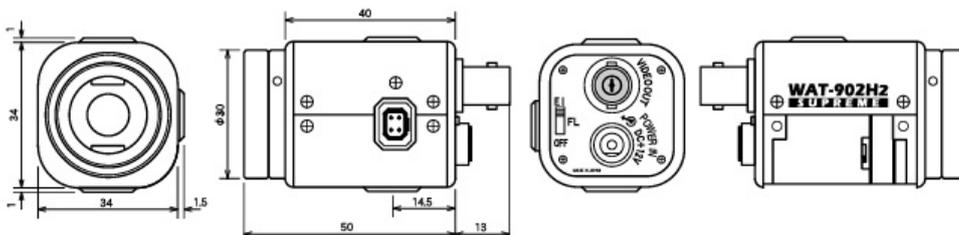
Monochrome camera



[Characteristics & functions]
 Improved WAT-902H
 Super High sensitivity(Near IR spectrum)
 BNC connector
 Video/DC iris auto-select
 Flickerless mode
 Compact & lightweight
 Shutter speed control
 Electronic iris
 AGC
 Flickerless mode
 Back light compensation
 Video/DC iris auto-select
 Iris level control

Monochrome

[Specifications]
 Effective pixels: 380k(NTSC), 440k(PAL)
 Resolution: 570TVL
 Minimum illumination: 0.0003 lx. F1.4(2), 0.0005 lx. F1.4(3)
 Gain control: AGC(HI:5-50dB, LO:5-32dB)
 Back light compensation: ON
 S/N ratio: 46dB
 Shutter speeds: EI(1/60(E) or 1/50(C)-1/100,000), FL, OFF
 Weight: 90g



Analogkameras - *kompakte Kameras für Farb- und Schwarz/Weiss Anwendungen*

1/2" WAT-902B

Monochrome camera



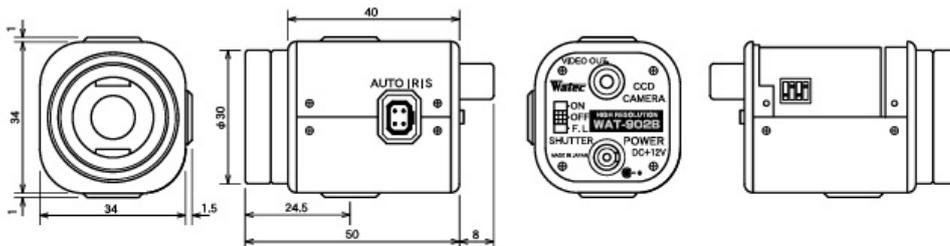
Monochrome

[Characteristics & functions]

High sensitivity
Shutter speed control
Electronic iris
Flickerless mode
Back light compensation
AGC
Gamma correction

[Specifications]

Effective pixels: 380k(NTSC), 440k(PAL)
Resolution: 570TVL
Minimum illumination: 0.003 lx. F1.4
Back light compensation: ON/OFF
Gain control: AGC ON(HI:5-32dB, LO:5-20dB), OFF
S/N ratio: 50dB
Shutter speeds: EI(1/60(N) or 1/50(P))-1/100,000, FL, OFF
Gamma: $\gamma \approx 0.45/1.0$
Weight: 90g



Analogkameras - *kompakte Kameras für Farb- und Schwarz/Weiss Anwendungen*

1/2" DSP WAT-221S

Color camera



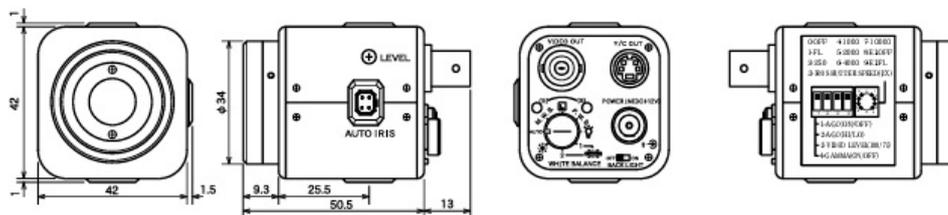
[Characteristics & functions]

- Multi functions
- High sensitivity
- Simultaneous output of composite video & Y/C signals
- White balance control
- Shutter speed control
- Electronic iris
- Flickerless mode
- AGC
- Back light compensation
- Gamma correction
- Video level switch(100 IRE / 75 IRE)
- Video/DC iris auto-select
- Iris level control

Color

[Specifications]

- Effective pixels:380k(NTSC), 440k(PAL)
- Resolution:450TVL, 480TVL(Y/C)
- Minimum illumination:0.1 lx. F1.2
- Gain control:AGC ON(HI:8-36dB, LO:8-24dB), OFF(8dB)
- Back light compensation:ON/OFF
- S/N ratio:50dB
- Shutter speeds:EI(1/60(N) or 1/50(P)-1/100,000), EI(FL-1/100,000), FL, OFF, 1/250, 1/500, 1/1000, 1/2000, 1/4000, 1/10000
- White balance:ATW, PWB, MWB, 3200K, 4200K, 5100K, 6300K
- Weight:160g



Analogkameras - *kompakte Kameras für Farb- und Schwarz/Weiss Anwendungen*

1/3" DSP WAT-231S

Color camera



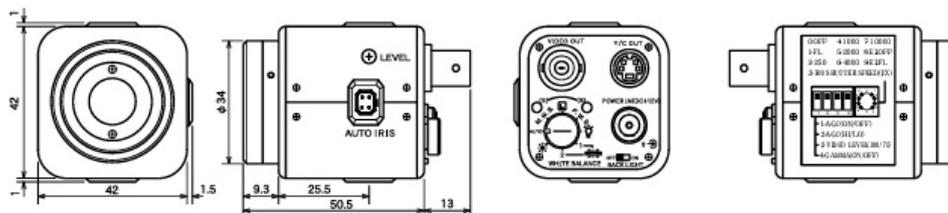
Color

[Characteristics & functions]

- Multi functions
- High sensitivity
- Simultaneous output of composite video & Y/C signals
- White balance control
- Shutter speed control
- Electronic iris
- Flickerless mode
- AGC
- Back light compensation
- Gamma correction
- Video level switch(100 IRE / 75 IRE)
- Video/DC iris auto-select
- Iris level control

[Specifications]

- Effective pixels:380k(NTSC), 440k(PAL)
- Resolution:450TVL, 480TVL(Y/C)
- Minimum illumination:0.1 lx. F1.2
- Gain control:AGC ON(HI:8-36dB, LO:8-24dB), OFF(8dB)
- Back light compensation:ON/OFF
- S/N ratio:50dB
- Shutter speeds:EI(1/60(N) or 1/50(P)-1/100,000), EI(FL-1/100,000), FL, OFF, 1/250, 1/500, 1/1000, 1/2000, 1/4000, 1/10000
- White balance:ATW, PWB, MWB, 3200K, 4200K, 5100K, 6300K
- Weight:160g



Analogkameras - *kompakte Kameras für Farb- und Schwarz/Weiss Anwendungen*

1/3" DSP **WAT-250D**

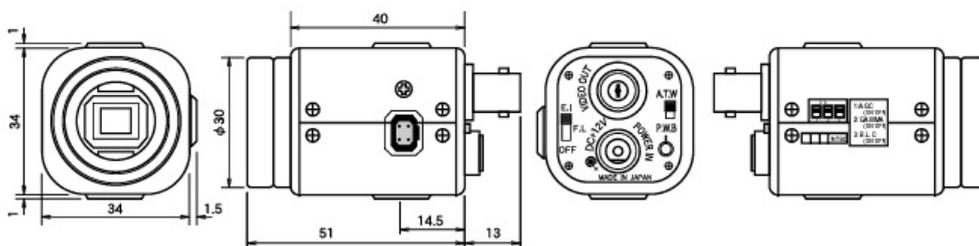
Color camera



[Characteristics & functions]
 Compact & lightweight
 High sensitivit
 White balance control
 Electronic iris
 Flickerless mode
 AGC
 Back light compensation
 Gamma correction
 Video/DC iris auto-select
 Iris level control

Color

[Specifications]
 Effective pixels:380k(NTSC), 440k(PAL)
 Resolution:450TVL
 Minimum illumination:0.1 lx. F1.2
 Gain control:AGC ON(HI:8-36dB), OFF(8dB)
 Back light compensation:ON/OFF
 S/N ratio:50dB
 Shutter speed:EI(1/60(N) or 1/50(P)-1/100,000), FL, OFF, 1/250, 1/500, 1/1000, 1/2000, 1/4000, 1/10000
 White balance:ATW, PWB
 Weight:90g



weitere analoge Kameras auf Anfrage

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