

Monochrome-Camera

WAT-525 / 535EX



Features:

- High sensitivity
- Auto and manual gain control
- Back Light Compensation
- Automatic External & Internal Sync. Conversion
- Many functions can either be set to automatic control or can be controlled manually; this makes the camera ideal for many applications in Factory Automation, Image Processing and Surveillance
- Small and light weight

Technical specifications

| Model | WAT-525EX | | WAT-535EX | |
|-------------------------|-------------------------------|---|---|-----------------|
| Image Sensor | 1/2" Interline transfer CCD | | 1/3" Interline transfer CCD | |
| TV-Norm | EIA | CCIR | EIA | CCIR |
| Number of total pixels | 811(H) x 508(V) | 795(H) x 596(V) | 811(H) x 508(V) | 795(H) x 596(V) |
| Number of eff. pixels | 768(H) x 494(V) | 752(H) x 582(V) | 768(H) x 494(V) | 752(H) x 582(V) |
| Sync. System | internal / external | | internal / external | |
| Horizontal resolution | 550 TV lines | | 550 TV lines | |
| Min. illuminance | 0.002Lux F1.4 (AGC 32dB) | | 0.003Lux F1.4 (AGC 32dB) | |
| S/N ratio | 50dB (Gain 5dB) | | 50dB (Gain 5dB) | |
| Gamma | 0.45 / OFF | | 0.45 / OFF | |
| Lens Mount | CS-Mount | | CS-Mount | |
| AGC | ON | Hi: 5-32dB (AGC) Lo: 5-20dB (AGC) | Hi: 5-32dB (AGC) Lo: 5-20dB (AGC) | |
| | OFF | 5-32dB (Manual) | 5-32dB (Manual) | |
| Back light compensation | AGC | ON / OFF | ON / OFF | |
| | EI | ON / OFF | ON / OFF | |
| Electr. shutter | EI | 1/60s - 1/100'000s 1/50s - 1/100'000s | 1/60s - 1/100'000s 1/50s - 1/100'000s | |
| | FL | 1/120s 1/100s | 1/120s 1/100s | |
| | OFF | 1/60s 1/50s | 1/60s 1/50s | |
| | ES | 1/250s, 1/500s, 1/1'000s, 1/2'000s, 1/5'000s, 1/10'000s, 1/100'000s | 1/250s, 1/500s, 1/1'000s, 1/2'000s, 1/5'000s, 1/10'000s, 1/100'000s | |
| Auto iris | DC / VIDEO | | DC / VIDEO | |
| Video out | BAS / VBS | | BAS / VBS | |
| Power supply | DC 12V ±10% | | DC 12V ±10% | |
| Current consumption | max. 150mA | | max. 150mA | |
| Operating temperature | -10°C - +40°C | | -10°C - +40°C | |
| Dimensions | 44mm(W) x 43.5mm(H) x 53mm(D) | | 44mm(W) x 43.5mm(H) x 53mm(D) | |
| Weight | approx. 130g | | approx. 130g | |

SDT - Dr. Seitner GmbH

Muehlbachstrasse 20 • 82229 Seefeld / Germany
 phone: +49 - (0) 81 52 - 37 20 - 0 • fax: +49 - (0) 81 52 - 79 88 0
 e-mail: org@sdt-seitner.com • internet: www.sdt-seitner.com