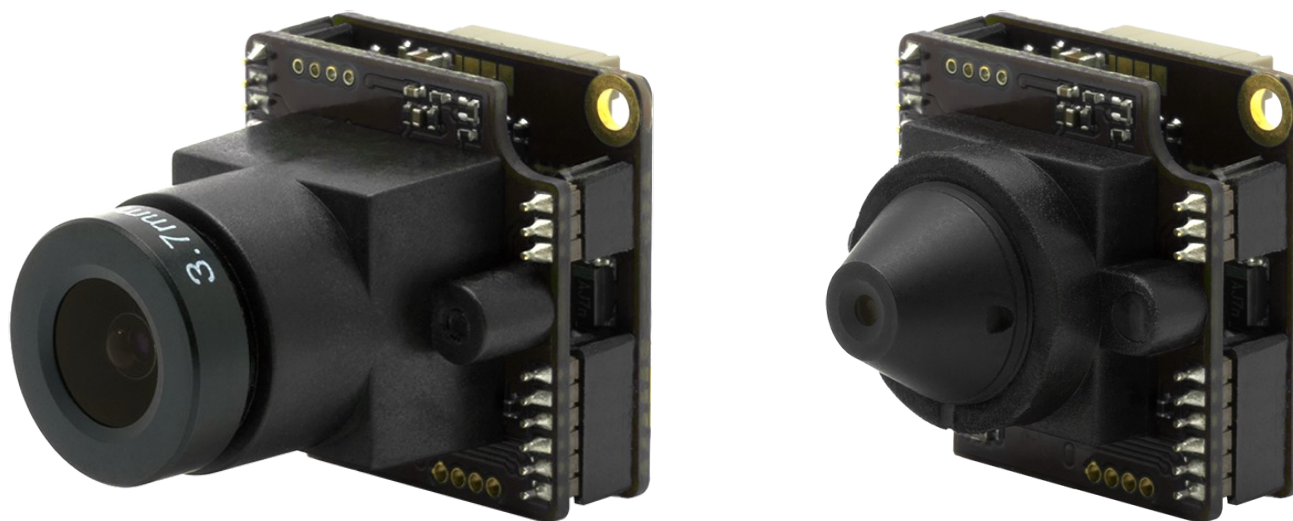




WAT-1100MBD

1/3.2" High Sensitivity, Compact, Board type





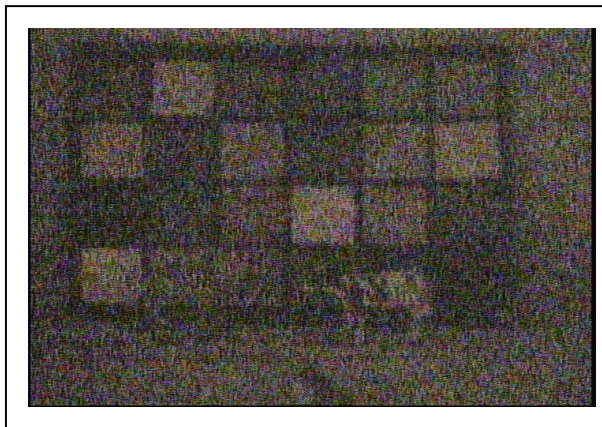
Top Highlights

- High Sensitivity
- Ultra-Compact & Light
- ICR Mechanical Less Day/Night Function
- High Resolution
- WDR
- DEFOG
- Low Noise
- Wide Input Voltage Range
- DC Iris Lens
- Advanced setting available by OSD

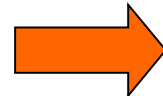


High Sensitivity

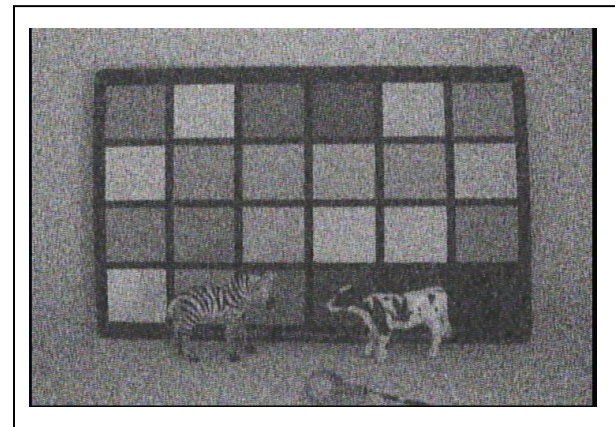
- Minimum Illumination 0.005lx F1.8 (Approx. Twice W-03CDB3)
 - 1/3.2" BSI CMOS Sensor
- ⇒ Higher sensitivity than the conventional model which was equipped with high sensitive CCD



W-03CDB3
(1/3" CCD)



Approx.
Twice



WAT-1100MBD
(1/3.2" BSI CMOS)

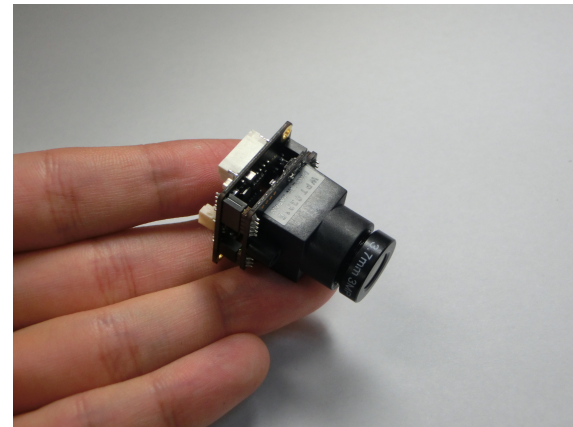
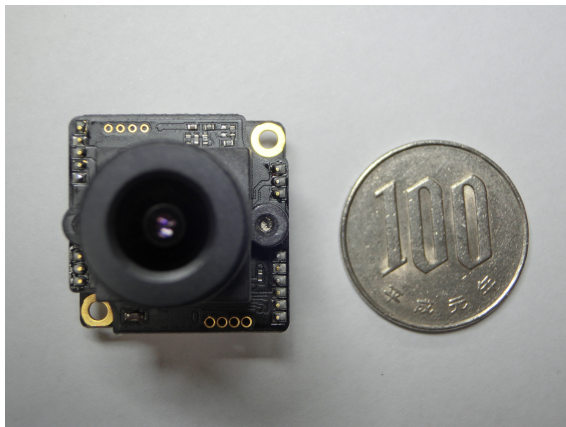
※Photographing Environment: Illumination 0.05lx
(Camera Settings: Shutter Speed 1/60s, Gain 54dB)
Light Source: Halogen

Switching automatically to monochrome mode by D/N function under low light environment



Ultra-Compact & Light

- Ultra-Compact Design
 - G3.7 : 23(W) × 23(H) × 33.5(D) (mm)
 - P3.3 : 23(W) × 23(H) × 24.5(D) (mm)
- Light
 - G3.7: Approx. 13g / P3.3: Approx. 8g
- Options (Sold Separately)
 - Miniature Lens, Remote Controller and more





ICR Mechanical Less Day/Night Function

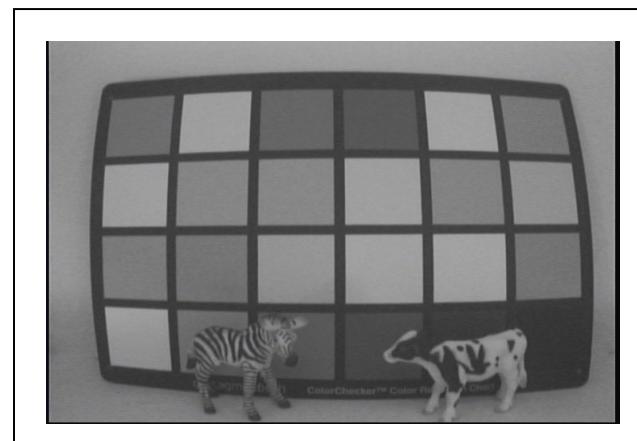
- New Method of Mechanical Less Day/Night Function without ICR (Infrared Cut filter Removal)

Key Feature

- Abolishing ICR Enables Downsizing & Unbreakable Mechanism
- High Reliability
- By Jointly Using an Infrared Ray Projector Further Improvement of Sensitivity (see figure below)



Color Camera



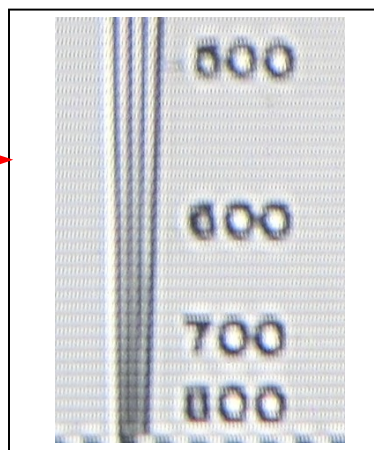
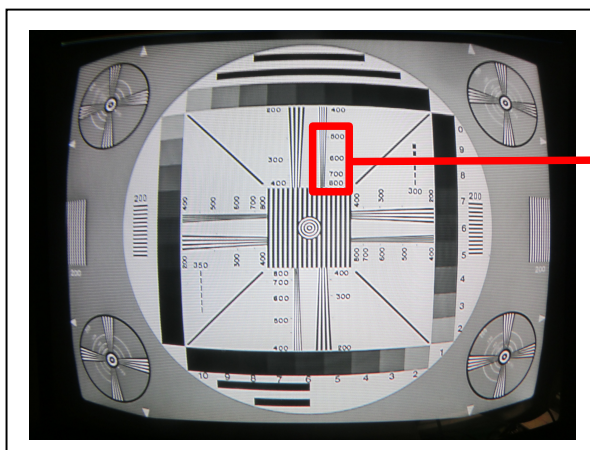
WAT-1100MBD

※Photographing Environment: Wavelength Approx. 850nm Infrared Light

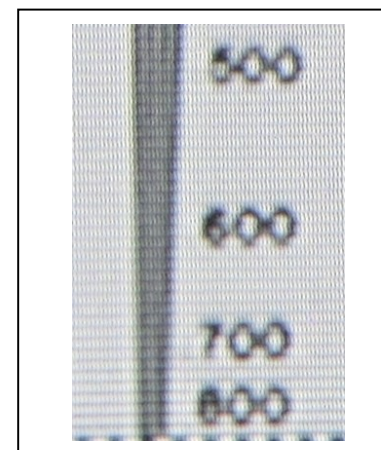


High Resolution

Using Multi-Pixels Sensor Enables High Resolution
⇒ More than 750TV



WAT-1100MBD

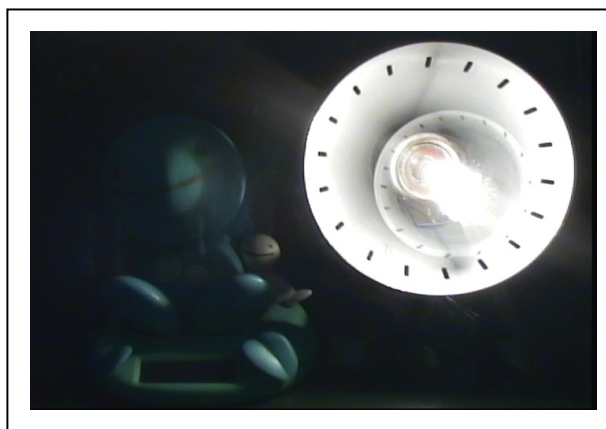


Conventional Model
(380K pixels CCD)



Wide Dynamic Range (WDR)

- Selectable from WDR /ATR
- Corrects Clipped Whites & Crushed Shadows for the Subject in the High Contrast
- Smearless



The Conventional Model
without WDR

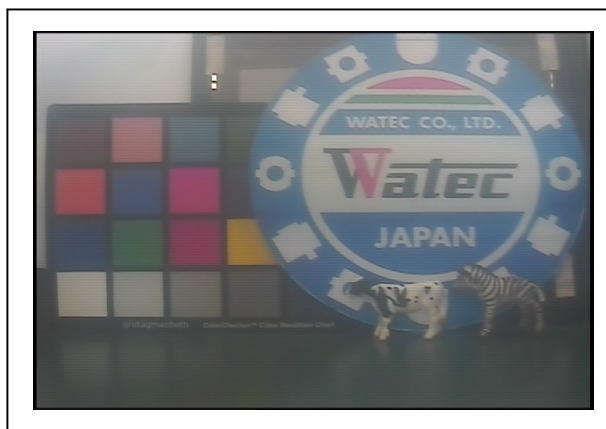


WAT-1100MBD

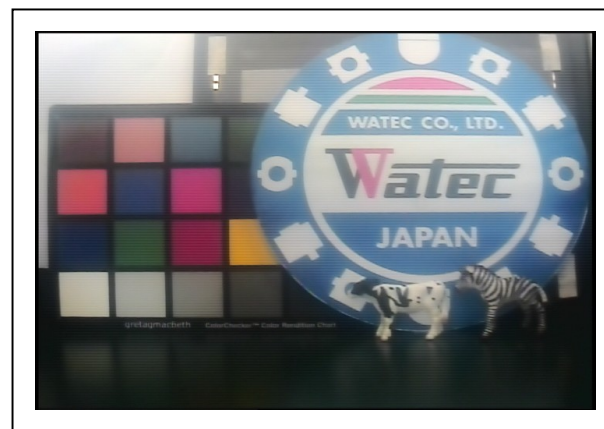
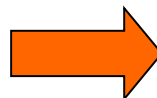


DEFOG

- Correct the Deteriorated Visibility due to Fog or Smoke
- Correction Strength is Selectable



OFF



ON



Other Highlights

- Low Noise
S/N more than 55dB (AGC=OFF, $\gamma=1.0$)
- Wide Input Voltage Range
Input Power DC+5V~12V
- DC Iris Lens
- Advanced setting available by OSD
Following function settings are changeable on requests

LENS	SHUTTER/AGC	WHITE BAL	BACKLIGHT	ADJUST(※)
DEFOG	WDR/ATR	DAY/NIGHT	IR LED	DNR
PRIVACY	CAMERA ID	LANGUAGE		

(※) FLIP, BRIGHTNESS, CONTRAST, SHARPNESS, HUE/COLOR GAIN