

# WAT-2500

## SPECIFICATIONS

PRELIMINARY

|                                 |  |   |
|---------------------------------|--|---|
| <b>Model</b>                    | <b>1/2.8" Rolling Shutter Color Camera</b>                               |   |
| Pick-up element                 | 1/2.8 inch CMOS image sensor   |   |
| Number of effective pixels      | 1945(H) × 1097(V)  |   |
| Unit cell size                  | 2.9μm(H) × 2.9μm(V)  |   |
| Video output                    | Composite video: 1.0 V(p-p) 75Ω (Unbalanced)                             |   |
| Resolution (H)                  | More than 540TVL (Center)  |   |
| Minimum illumination            | 0.006 lx. F1.2 (AGC HIGH=72dB, Shutter=OFF)                              |   |
|                                 | 0.0004 lx. F1.2 (AGC HIGH=72dB, Shutter=×15)                             |   |
| S/N                             | More than 50dB (AGC OFF=0dB, γ=1.0)                                      |   |
| Function settings               | OSD: Remote controller   |   |
| AE mode                         | Fixed  | ×2, ×3, ×4, ×5, ×6, ×7, ×8, ×9, ×10, ×12, ×15 (frame)                                     |
|                                 |  | 1/30, 1/60, 1/120, 1/180, 1/240, 1/300 sec.   1/25, 1/50, 1/100, 1/150, 1/200, 1/250 sec. |
|                                 |  | 1/500, 1/1000, 1/2000, 1/5000, 1/10000 sec.   |
|                                 | EI   | 1/30-1/10000 sec.   1/25-1/10000 sec.   |
|                                 |  | x15-1/10000 sec.  |
| White balance                   | ATW, PWB, MWB  |   |
| AGC                             | ON   | 0-72dB  |
|                                 | OFF  | 0dB   |
| MGC                             | 0-72dB (5dB step)  |   |
| Gamma characteristics           | γ≠USER (Level adjustable)  |   |
| Video level                     | -  |   |
| Noise reduction                 | 3DNR OFF/ON, 2DNR OFF/ON, 3D+2DNR ON (Level adjustable)                  |   |
| Wide dynamic range              | D-WDR (Digital Wide Dynamic Range) OFF/ON, WDR OFF/ON (Level adjustable) |   |
| Lens iris                       | DC   |   |
| Back light compensation         | BLC, HSBLIC  |   |
| White blemish correction        | Up to 2046 pixels  |   |
| Sharpness                       | OFF/ON (Level adjustable)  |   |
| Defog                           | OFF/ON (Level adjustable)  |   |
| Digital zoom                    | ZOOM(×1.01 - ×6.00), PAN/TILT  |   |
| Privacy mask                    | 8 masks  |   |
| Mirror image                    | OFF / V-FLIP / H-FLIP / HV-FLIP  |   |
| Freeze                          | OFF/ON   |   |
| Motion detection                | OFF/ON 4 areas   |   |
| Neg. image                      | OFF/ON   |   |
| Interface                       | BNC (composite video), Power in, Remote control (RC-01), AUTO IRIS       |   |
| Power supply                    | DC+12V±10%   |   |
| Power consumption               | 2.46W (205mA)  |   |
| Operating / Storage temperature | -10 - +50℃ / T.B.D.  |   |
| Operating / Storage humidity    | Less than 95% RH (Without condensation)                                  |   |
| Lens mount                      | CS mount (Back focus adjustable)   |   |
| Weight                          | T.B.D.   |   |

※Design and specifications are subject to change without notice.