

# Hyper Wide Dynamic Dome Camera (Sony Effio-A)

## MTC-WDL513EF

### Features



Mechanical ICR

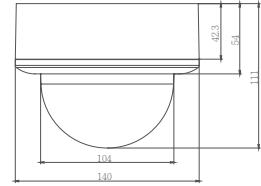
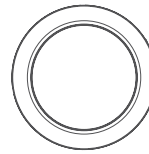
3-Axis Gimbal Mechanism  
Outdoor, Metal



Sony Effio A  
750TVL

## MTC-WDL513EF

- ◆ 1/3" Hyper Wide Dynamic Color Camera (Sony Effio-A)
- ◆ Color:720TVL, B/W:750TVL
- ◆ Color:0.03Lux@F1.2, B/W:0.01Lux@F1.2, IR ON:0Lux@F1.2
- ◆ Powerful 512X WDR (54dB)
- ◆ Auto Defog / Privacy Zone Mask
- ◆ High Light Compensation (HLC) / Lens Shading Compensation
- ◆ 2D/3D Noise Reduction / Digital Image Stabilizer
- ◆ Sense Up (512x) Functions
- ◆ Motion Detection / Intelligent scene recognition`
- ◆ IR Optimizer



Tol:±0.5 Unit:mm

## SPECIFICATIONS

| MTC-WDL513EF                   |                                                                                                                                                                                      |
|--------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| TV System                      | PAL NTSC                                                                                                                                                                             |
| Image Sensor                   | 1/3" Sony 960H Super HAD CCD II                                                                                                                                                      |
| Number of Total Pixels (CCD)   | 1020(H)x596(V) 1020(H)x508(V)                                                                                                                                                        |
| Resolution ; DSP               | Color:720TVL, B/W:750TVL ; Sony Effio-A                                                                                                                                              |
| Minimum Illumination           | Color:0.03Lux@F1.2, B/W:0.01Lux@F1.2, Sense-up: 0.0001Lux, IR ON:0Lux@F1.2                                                                                                           |
| Wide Dynamic Range             | 512X Normal Camera                                                                                                                                                                   |
| Video Output                   | 1.0Vp-p Composite, 75Ω (BNC)                                                                                                                                                         |
| Signal to Noise Ratio (S/N)    | More than 55dB (AGC off)                                                                                                                                                             |
| Gamma Correction               | 0.45                                                                                                                                                                                 |
| Mechanical IR Cut Filter (ICR) | Yes                                                                                                                                                                                  |
| IR LED ; Working Distance      | 30 units ; 10~20m ; Yes                                                                                                                                                              |
| Menu                           | OSD                                                                                                                                                                                  |
| Title                          | TITLE (LOCATION)                                                                                                                                                                     |
| Synchronizing System           | INTERNAL / LINE LOCK                                                                                                                                                                 |
| Day&Night Mode                 | COLOR / B&W / AUTO / EXTERNAL / SCHEDULE                                                                                                                                             |
| Electronic Shutter             | AUTO (1/50(60)~1/10,000 sec.) /<br>MANUAL:256 FLD, 128 FLD, 64 FLD, 32 FLD, 16 FLD, 8 FLD, 4FLD, 2 FLD,<br>60~1/2000, 1/3000, 1/4000, 1/6000, 1/10000, 1/30000,1/60000, 1/100000 (S) |
| Automatic Gain Control         | 0~44.8 DB                                                                                                                                                                            |
| White Balance                  | ATW / AWB / 3200K / 6300K / MANUAL / PUSH LOCK                                                                                                                                       |
| WDR ; BLC                      | LEVEL/BRIGHT AREA/DARK AREA/CLEAR FACE ; HLC / BLC / OFF                                                                                                                             |
| Flickerless ; Defog            | ON / OFF ; Auto                                                                                                                                                                      |
| Dynamic Noise Reduction        | 2D/3D/SMART DNR                                                                                                                                                                      |
| Sense Up                       | AUTO (Limit x2~x512) / OFF                                                                                                                                                           |
| Digital Image Stabilizer (DIS) | ON / OFF                                                                                                                                                                             |
| Language                       | ENGLISH / SIMPLIFIED CHINESE , TRADITIONAL CHINESE, JAPANESE                                                                                                                         |
| E-Zoom                         | x1~x256                                                                                                                                                                              |
| Motion Detection ; Privacy     | ON / OFF (24x16 Zones) ; ON / OFF (15 Zones Programmable, Quadrangle Mosaic)                                                                                                         |
| Camera Control Interface       | ---                                                                                                                                                                                  |
| Automatic IRIS ; Connector     | DC                                                                                                                                                                                   |
| Lens Mount                     | Built-in DC Auto IRIS Lens                                                                                                                                                           |
| Lens, Angle of View (H)        | f2.8~12mm                                                                                                                                                                            |
| Water Resistance               | IP66                                                                                                                                                                                 |
| Max. Breaking Strength         | 656.1 kgf                                                                                                                                                                            |
| Power Supply ; Consumption     | 12Vdc:3~6W, 12Vdc/24Vac:4~8W                                                                                                                                                         |
| Operation ; Storage Temp.      | -10°C~50°C ; -20°C~60°C                                                                                                                                                              |
| Operation ; Storage Humidity   | Maximum: RH80% ; RH90%                                                                                                                                                               |
| Dimensions                     | 140(DIA)x112(H)mm                                                                                                                                                                    |
| Net Weight                     | 1,000g                                                                                                                                                                               |

\*Specifications are unfixed and do not apply to customized projects. 0721-140718