

PRODUCT DATA SHEET



SK-P440D/M843AI

1. PRODUCT SPECIFICATION

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|-------------------------|---|
| Model | SK-P440D/M843AI |
| CCD Type | 1/3" COLOR SONY SUPER HAD II CCD |
| Effective Pixel | 768(H) X 494(V) PIXEL(NTSC), 752(H) X 582(V) PIXEL(PAL) |
| Cell Size | 6.35 μm (H) X 7.4 μm (V) (NTSC), 6.5 μm (H) X 6.25 μm (V) (PAL) |
| Scanning System | 2:1 Interlace |
| Sync. Type | Internal |
| Resolution (Horizontal) | 600 TV-LINE(COLOR), 680 TV-LINE(B/W) |
| S/N | 48dB or More(AGC OFF) |
| Video Output | 1.0 Vp-p (Sync. Negative) Termination 75 Ω |
| Min. Illumination | 0.01 Lux (F/1.2) / 0 Lux (40M Range at LED HIGH) |
| Gamma | $\gamma=0.45$ typ.(0.45, 0.6, 1.0, user) |
| OSD | Yes(Multi Language) |
| White Balance | ATW(2,500 $^{\circ}\text{C}$ ~9,500 $^{\circ}\text{C}$)/MANUAL/AWC |
| Shutter Speed | 1/60(1/50)~1/100,000sec |
| Backlight | BLC : ON/OFF HIGHLIGHT MASK : ON/OFF |
| AGC | Off/Low/Middle/High |
| Motion Detection | ON/OFF Selectable (64 Zone) |
| Privacy Zone | ON/OFF Selectable (4 Zone) |
| Mirror | ON/OFF |
| Day & Night | ICR (AUTO, COLOR, B/W) |
| LED Brightness | 40pcs (LOW, MIDDLE, HIGH, OFF) |
| DIS | ON/OFF |
| Blemish Compensation | Auto/Off |
| Impact Detection | Off/Low/Middle/High |
| Communication | RS-485(Protocol : Pelco D, Pelco P) |
| Lens | Day & Night Vari-focal auto iris lens |
| Power Supply | DC12V & AC24V (Dual Voltage) |
| Current Consumption | MAX. 800mA (at DC 12V, AC 24V) : LED ON |
| Fan & Heater | Yes (Option) |
| Operation Temp. | -10 $^{\circ}\text{C}$ ~ +50 $^{\circ}\text{C}$ |
| Preservation Temp. | -20 $^{\circ}\text{C}$ ~ +60 $^{\circ}\text{C}$ |
| Dimension | 100(W) X 103.3(H) X 229(D) mm |
| Weight | NET : 2kg |

2. Feature

- **Traditional Outdoor IR Camera**
- 50M IR range in total darkness with 40pcs IR LEDs
- HUVIRON Gen□ Chipset
- IR LED output level controllable via RS-485
- Weather-proof(IP66)
- Day & Night function(ICR)
- Advanced High Resolution (600TV-Line)
- Fan & Heater for extreme temperature operation
- Extra Video connector for easy installation & External Function Switch.
- Using 1/3" SONY Super HAD CCD □
- High Intensity LED Board
- Full OSD with Multi-language and Function
- RS485 Selectable (Protocol : PELCO-P, PELCO-D)
- MULTI FUNCTION : LSC(LENS SHADING COMPENSATION), HLC(HIGH LIGHT MASK), MOTION DETECTION, Impact Detection, PRIVACY MASK, DEFECT PIXEL CORRECTION,

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