

# 1/4" Color Mini-Dome Camera with 360° Swivel Base EXP-302CDSP (POWER: 12VDC)

The Color Mini-Dome CCD Camera with 360° Swivel Base incorporates an advanced sensor and a high performance DSP (Digital Signal Processor ) to provide 60dB S/N, Zero Color Rolling, Mirror image and wide Dynamic Range. The units are suitable for a wide range of applications and for installation in a variety of locations.

**Features:**

- Very low smear, 6dB better than average
- High quality picture in an aesthetically designed and easy to install unit
- Digital AGC control  
This AGC function provides a clear image in low light condition
- Auto high speed white balance zero color rolling
- Auto Exposure (AE)  
Camera can adjust to any light source condition
- Gamma correction  
Adding Gamma correction allows for a good picture in a very bright or very dark environment
- Built-in a new 20-bit digital signal processing chip



CN1  
P1 (RED) DC +12V POWER IN  
P2 (BLACK) GND  
P3 (WHITE) VIDEO OUT  
P4 (BLACK) GND

**SPECIFICATIONS:**

|                        |   |
|------------------------|---|
| TV System              | NTSC / PAL  |
| Image Sensor           | 1/4-inch SHARP CCD Image Sensor                       |
| CCD Total Pixels       | 542 (H) ×496(V) / 542(H) × 586(V)                     |
| CCD Effective Pixels   | 512 (H) ×492(V) / 512(H) × 582(V)                     |
| Scanning System        | 525 lines, 60 fields/sec. / 625 lines, 50 fields/sec. |
| SYNC System            | Internal  |
| Minimum illumination   | 1.0Lux /F2.0 (1.0 Lux /F1.2) 5600 °K                  |
| Lens & View Angle      | 3.7 mm F2.0 /92° 6mm,8mm,12mm,(option)                |
| Resolution             | 420 TV lines  |
| Signal to Noise Ratio  | Better than 52 dB (AGC OFF) Typical 60dB              |
| White Balance          | Auto high speed white Balance (1 FRAME)               |
| White Balance Range    | 3000-8000 °K  |
| Auto iris              | A.E.S.  |
| Electronic Shutter     | 1/60-1/120,000 sec                                    |
| Video Output           | 1.0Vp-p composite video @ 75 ohm                      |
| Gamma Correction       | 0.45  |
| Mirror Function        | ON/OFF switchable                                     |
| Gain Control           | AGC   |
| Operating Temperature  | - 20 °C to 50 °C                                      |
| Operating Humidity     | Within 85 % RH  |
| Power Supply           | DC 12V /85 mA / 108mA                                 |
| Dimension / Net weight | 88(Φ)mm*65(H)mm / 162g                                |

Specifications are subject to change without notice.