



**DS-2CC502 P(N)-IR1(IR3) Analog Camera
Technical Manual**

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1. Key Features

- Compact Structure Design
- 1/3 inch SONY CCD
- Minimum Illumination: 0.1Lux/F1.2, (0 Lux with IR)
- Day / Night with Auto Control
- Auto White Balance, Auto Gain Control, Electronic Shutter Control and Backlight Compensation
- Digital Signal Processing
- Internal Synchronization
- Water and Dust Resistance: IP66
- Advanced Engineering Design, High Reliability

2. Specifications

Parameter	Model	DS-2CC502P (N)-IR1 (IR3)
Image Sensor		1/3 inch SONY Super HAD CCD
Signal System		PAL/NTSC
Effective Pixels		PAL: 500 (H) × 582 (V) NTSC: 510 (H) × 492 (V)
Min. Illumination		0.1Lux @ F1.2 (0 LUX with IR)
Electronic Shutter Speed		1/50(1/60)s to 1/100,000s
Lens		IR1: 6mm (2.8mm, 3.6mm option) IR3: 12mm (3.6mm, 6mm, 8mm, 16mm option)
Horizontal Resolution (TVL)		420 TVL
Synchronization		Internal synchronization
Video Output		1Vp-p Composite Output (75Ω/BNC)
S/N Ratio		More than 48dB
BLC		ON
Power Supply		12VDC, ±10%
Working Temperature		-10°C ~ 60°C (14°F ~ 140°F)
Water and Dust Resistance		IP66
IR Distance		"-IR1" Series: IR Illuminators up to 10 meters "-IR3" Series: IR Illuminators up to 30 meters
Power Consumption		IR1: 3W MAX IR3 : 6W MAX
Dimension (mm)		φ129 × 69
Weight		700g

3. Dimension

