



**DS-2CC197P(N)-A Analog Camera
Technical Manual**

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1. Key Features

- Compact design
- 1/3" inch SONY CCD
- 160X Wide Dynamic Range, suitable for strong backlight environment
- Min. Illumination: 0.1 Lux@F1.2 (Color), 0.01Lux@F1.2 (B/W)
- Flickerless mode
- ICR filter auto switch
- Digital Noise Reduction (DNR)
- OSD menu
- Auto iris with DC / video driver
- Auto white balance, auto gain control, electronic shutter control and backlight compensation
- CS mount lens (provide adapter for C mount lens)
- Internal or Power Synchronization

2. Specifications

Parameter	Model	DS-2CC197P(N)-A
Image Sensor		1/3 inch SONY vertical double density interline CCD
Signal System		PAL/NTSC
Effective Pixels		PAL:752 (H) × 582 (V) NTSC: 768(H) × 494(V)
Min. Illumination	Color	0.1Lux @ F1.2, 0.0003Lux @ (F1.2, sensitivity × 256)
	B&W	0.01Lux @ F1.2, 0.00003Lux @ (F1.2, sensitivity × 256)
Electronic Shutter Speed		1/50(60) to 1/100,000s
Lens Mount		C / CS mount
Auto Iris Lens		DC / Video Drive
Day / Night		IR Cut Filter Auto Switch
Horizontal Resolution (TVL)		540 (Color), 600 (B/W)
Wide Dynamic Range		160X
Synchronization		Internal / Power synchronization
Video Output		1Vp-p Composite Output (75Ω/BNC)
S/N Ratio		More than 50dB
Menu	Camera ID	On / Off (15 letters, fixed position)
	Auto Gain	Low / Middle / High / Off
	D / N Mode	Auto1 / Auto2 / Day / Night
	Auto White Balance	Auto trace WB1/ Auto trace WB2 / Manual / Auto
	Private Mask	On / Off, Maximum 8 Zones
	Motion Detection	Mode 1 / Mode 2 / Mode 3 / Off
	Flicker Proof	On / Off
	RS-485	Address / Protocol / Baud Rate
	Language	English / Chinese
Video	Gama Amendment, Digital Zoom, Digital Noise Reduction, POS/NEG ,Mirror, Resolution, Sharpness, Y, C, Blemish Detection	
Power Supply		24VAC / 20VA ±10%, 12VDC / 300Ma ±10%
Working Temperature		-10 ~ 60 (14°F ~ 140°F)
Power Consumption		4W (10W MAX With ICR Working)
Dimension		68mm × 57mm × 133.2mm (2.7" × 2.2" × 5.2")
Weight		500g (1.1lbs)

3. Dimension

