



**DS-2CZ232P/N Analog Camera
Zoom Camera Series
Technical Manual**

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Please send any comments regarding the documentation to:
overseabusiness@hikvision.com

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1. Key Features

- Compact Structure Design
- 1/4 inch SONY CCD
- High Resolution: 480TVL
- 22X Optic Zoom
- 128 Presets
- OSD Menu Controlling
- Min. Illumination: 0.1Lux @ F1.6
- Auto White Balance, Auto Gain Control, Electronic Shutter Control, and Backlight Compensation
- Digital Signal Processing
- Support auto iris and auto electronic shutter
- Internal Synchronization
- Advanced Engineering Design, High Reliability

2. Specifications

Parameter	Model	DS-2CZ232P/N
Image Sensor		1/4 inch SONY Interline Transfer Super HAD CCD
Signal System		PAL/NTSC
Effective Pixels		PAL: 752 (H) × 582 (V) NTSC: 768 (H) × 494 (V)
Synchronization		Internal Synchronization
Horizontal Resolution		480 TVL
Video Output		1Vp-p Composite Output (75Ω/BNC)
S/N Ratio		More than 50dB
Day & Night		Electronic
Min. Illumination		0.1Lux @ F1.6
Lens		22X Optical Zoom F1.6, f=3.9 ~ 85.8mm
Menu	Camera ID	On / Off (20 letters, fixed position)
	Language	English, Chinese
	Iris	Auto / Manual
	Electronic Shutter	1/50(1/60)s to 1/100,000s
	Auto Gain	Low / High / Off
	Auto Focus	Auto / Manual / Once
	Auto White Balance	Auto trace WB / Manual / Indoor / Outdoor / Fluorescent lamp
	Motion Detection	On / Off (Zone, Sensitivity)
	Special Function	BLC, POS/NEG, Focus-changing Speed (4 levels), Definition
	Preset Points	128
Communication Interface		RS-485, PELCO-P/D, Baud Rate, Address, PTZ Control
Power Supply		12VDC, ±10%
Working Temperature		-10°C ~ 60°C
Power Consumption		4W
Dimension (mm)		64 × 61 × 112.5
Weight		375g

3. Dimension

