



BLACK

BLK-CCP142VH

Integrated Speed Dome Camera



SIC Black 30x Optical Zoom Integrated Speed Dome Camera

The BLK-CCP142VH from SIC Black is a state-of-the-art PTZ dome camera with 1/4" Sony Super HAD CCD with a 30x optical zoom lens, max 90mm focal length, and delivers 520 TV lines at 0.005 lux . Not only does it include a wall-mount arm, but it comes complete with a heater and blower for outdoor applications.

Features

- Outdoor application
- Easy interface with multiple protocols
- IP66 environmental structure
- Optical 30x zoom (Maximum 99mm focal length)
- High quality images with 520 TV lines (color) / 570 TV lines (B/W)
- IR cut filter removable day / night
- Built-in image stabilizer function
- Digital noise reduction technology (S/N ratio -50dB)
- Max. 380°/sec panning speed (preset recall speed)
- Up to 248 programmable preset positions
- Up to 8 programmable tours
- Polycarbonate dome cover
- Auto flip function
- 4 memorized user control patterns up to 240 seconds (speed and position, lens controls)
- 8 zones of image masking for privacy
- 8 alarm inputs and 2 outputs can be programmed
- AC 24V, 1A (3A with fan and heater)

For order assistance, questions and inquiries, please contact one of our sales consultants at: 1-877-5SC-BLACK or through email at sales@sc-black.com, or please feel free to browse our website at www.sc-black.com.





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Specifications

ITEM	NTSC	PAL
Image Pick-up Device	1/4" Super HAD CCD	
Effective Pixels	768 (H) x 494 (V)	752 (H) x 582 (V)
Scanning System	525 lines 2:1 Interlace 60 Fields / 30 Frames	625 lines 2:1 Interlace 50 Fields / 25 Frames
Synchronization	Internal / Line lock selectable	
Scanning Frequency	Horizontal : 15.734KHz Vertical : 59.94Hz	Horizontal : 15.625KHz Vertical : 50Hz
Horizontal Resolution	Color : 520 TV Lines (min.) / B/W ; 570 TV Lines (min.)	
Zoom Ratio	30x, f3.3 - 99.0mm (f1.6 - 3.2)	
Digital Zoom	Built-in (2x - 10x, Total 300x zoom)	
Minimum Illumination	0.7 lux @ F1.6 (normal color mode) 0.1 lux @ F1.6 (B/W mode) 0.005 lux @ F1.6 (Sens-up mode)	
Digital Image Stabilizer (DIS)	On / Off selectable	
S/N Ratio	50dB (AGC off, Weight on)	
Back Light Compensation	Low / Middle / High / Off selectable	
Day & Night	Color / B/W / Auto selectable (ICR) filter change)	
Gain Control	Low / Middle / High / Off-selectable	
White Balance	ATW / AWC / Manual selectable (1800°K ~ 10,500°K)	
Electronic Shutter Speed	Auto / Manual selectable (1/60 ~ 1/120,000)	Auto / Manual selectable (1/50 ~ 1/120,000)
Sens-up	On / Off (Selectable limit - 128x)	
Noise Reduction	Low / Middle / High / Off selectable	
Focus Control	Auto / Manual / One push selectable	
Iris Control	Auto / Manual selectable	

Mechanical

Pan	360° Endless Pan 0.1° to 90° / sec (64 steps proportional to zoom)
Preset Speed	380° / sec ± 0.1° Accuracy
Tilt	0.1° / sec to 90° / sec (proportional to zoom)
Preset Speed	150° / sec ± 0.05° Accuracy
Weight	Unit : 4.4kg
Dimensions	160 (Ø) x 319 (D) mm

Functions

Preset	248 points less than 0.1° accuracy
Tour	8 programmable
Pattern	4 patterns for 240 seconds
Flip	Auto / Off (rotate 180° at bottom of tilt)
Auto Scan	8 (programmable speed and diagonal scan)
Privacy Zone	8 blocks with title (Masking / Video off)
Address	Up to 999 selectable ID (Rotary switch)
Control	RS-485, RS-422 Multiple protocol (Auto detection or DIP Switch setting) 2400, 4800, 9600, 19200 bps selectable
Alarm In	8 alarm (NO / NC)
Alarm Out	2 relay out
Display	16 Area title North direction on / off (N,S,W,E) Zone title on / off (start / end zone) Camera title on / off (8 character)

Environment

Ingress Protection	IP66 (Outdoor housing)
Construction	Aluminum
Color	Cool Gray
Operating Temperature	Indoor : 0°C to 50°C Outdoor : -40°C to 50°C
Storage Temperature	-20°C to 60°C
Humidity	0% to 90%
Fan Operate	40°C on, 30°C off
Heater Operate	5°C on, 15°C off

Electrical

Power	AC 24V 60Hz / 50Hz (Power adaptor not included)
Consumption	18.0W (1.2A Max.)
Heater	30W
Fan	3.4W

Certification

CE EMC, FCC CLASS A, RoHS

User Connections

Power (Camera)	21 - 28VAC, 50 / 60Hz - 18W Max.
Power (Heater)	21 - 28VAC, 50 / 60Hz - 30W Max.
RS-422, 485	± Optional Control Data
Video	BNC
Alarm Inputs	8 Programmable for N/O or N/C
Relay Out	2 relay out

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