



# BLACK

## BLK-CCP143VH

Memory Speed Dome Camera



### SIC Black 30x Optical Zoom Memory Speed Dome Camera

SIC Black has unveiled its new memory speed dome security camera, the BLK-CCP143VH. The camera features a back-up and recall of PTZ data to removable memory via its 64KB external memory while also supporting an interesting 30x optical zoom with 99mm focal length, 520 TV lines and Day & Night function.

#### Features

- IP66 environmental structure (optional outdoor housing)
- Easy interface with DVR, Matrix system and video server
- Back-up and recall all of PTZ data to removable memory
- Optical 30x zoom (Maximum 99mm focal length)
- IR cut filter removable Day / Night
- Splendid WDR functions (Maximum 52dB)
- High quality images with 520 TV lines (color) / 570 TV lines (B/W)
- Digital Noise Reduction Technology (S/N ratio -50dB)
- Multi-protocol support and automatic protocol detection
- Max. preset speed 380°/sec 0.1° accuracy
- 248 positions of programming preset
- 8 zones of programmable privacy masking
- Up to 8 programmable tour function
- 4 memorized user control patterns up to 240 seconds (speed, position and lens control)
- 8 alarm input / 2 output
- Digital flip function
- RS-422, 485 communication and remote program update
- AC 24V, 1A / AC 24V, 2A (outdoor housing)

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](mailto:sales@sc-black.com), or please feel free to browse our website at [www.sc-black.com](http://www.sc-black.com).





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## BLK-CCP143VH

### 30x Optical Zoom Memory Speed Dome Camera



### Specifications

ITEM	NTSC	PAL
Image Pick-up Device	1/4" Vertical double density interline 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 - 8x, Total 240x zoom)	
Minimum Illumination	0.4 lux @ F1.6 (normal color mode) 0.08 lux @ F1.6 (B/W mode) 0.003 lux @ F1.6 (Sens-up mode)	
Wide Dynamic Range	52dB	
S/N Ratio	50dB (AGC off, Weight on)	
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	

### Functions

Preset	248 points less than 0.1° accuracy
Tour	8 programmable
Pattern	4 patterns for 240 seconds
Flip	Digital / 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) 2400, 4800, 9600, 19200 bps selectable
Alarm In	8 alarm (NO / NC, Priority)
Alarm Out	2 relay out (Hold, Latch)
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)
Data back-up	Removable memory back-up and recall

### 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	Approximately 1.6kg
Dimensions	125 (Ø) x 194 (D) mm

### Environment

Ingress Protection	IP66 (Outdoor housing)
Construction	Aluminum
Color	Black
Operating Temperature	Indoor : 0°C to 50°C Outdoor : -40°C to 50°C (optional housing)
Storage Temperature	-20°C to 60°C
Humidity	0% to 90%

### Electrical

Power	AC 24V 60Hz / AC 24V 50Hz (Power adaptor not included)
Consumption	18.0W (1.0A Max.)
Heater	30W (PSH-160F1)
Fan	3.4W (PSH-160F1)

### User Connections

Power (Camera)	AC21V - AC28V, 50 / 60Hz - 15W Maximum
Power (Heater)	AC21V - AC28V, 50 / 60Hz - 30W Maximum
RS-422, 485	± Optional Control Data
Video	BNC
Alarm Inputs	8 Programmable for I/O or N/C
Relay Out	2 dry contact output rating: 2A @ 30VAC
Data back-up	Included 10 Pin Memory Case (All the programmed PTZ data can be back-up and restore with external memory)

### Certification

**CE EMC, FCC CLASS A, RoHS**

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