

# CC-9770

## Integrated Speed Dome Camera

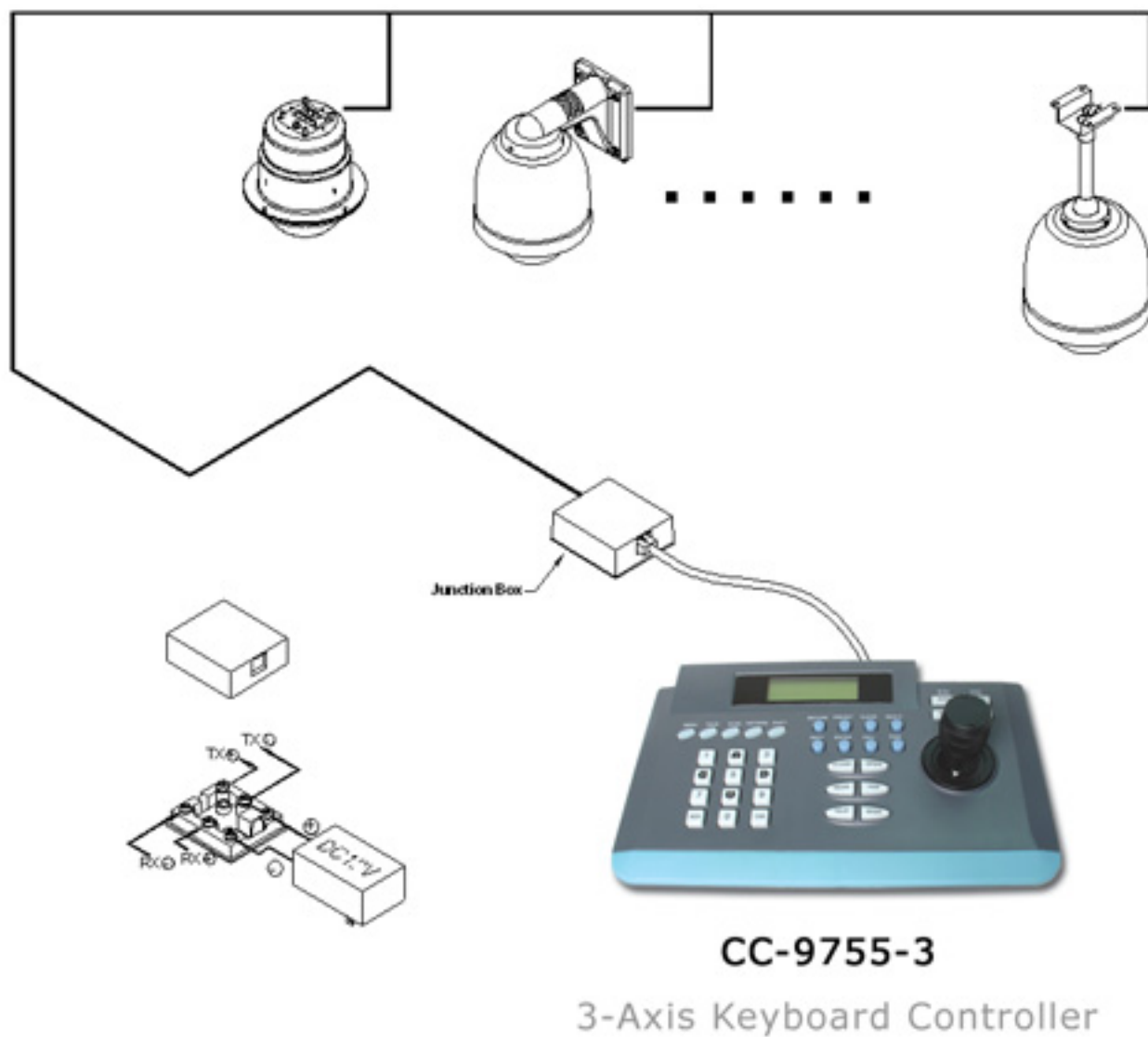
- › Indoor & Outdoor application
- › Vandal Proof: Polycarbonate dome cover
- › Easy interface with multiple protocols
- › IP66 environmental structure
- › Optical 30x zoom, Digital 10x zoom
- › 520 TV lines (Color) / 570 TV lines (B/W)
- › Mechanical IR cut filter removable Day & Night
- › Built-in image stabilizer (I.S.)
- › Digital noise reduction technology (DNR)
- › High Speed: Maximum 380°/sec panning speed
- › Up to 248 programmable preset positions
- › Up to 8 programmable tours
- › 4 patterns, memorized user control up to 240 sec
- › 8 zones of image masking for privacy
- › 8 alarm inputs and 2 outputs
- › Auto-flip function
- › AC24V, 1A



### Specifications

Image Sensor	¼ inch Sony Super HAD CCD
Total Pixels (HxV)	811 x 508 (NTSC), 795 x 596 (PAL)
Effective Pixels	768 x 494 (NTSC), 752 x 582 (PAL)
Focus mode	Auto Focus / Manual Focus
Iris mode	Automatic with Manual Override
Video Output	Composite 1.0Vp-p, 75Ω, BNC
Sync.	Internal Sync/External Sync(AC Line Lock)
S/N Ratio	Higher than 50dB (AGC OFF)
H. Resolution	520 TV Lines (Colour)/570 TV Lines(B/W)
Min. Illumination	0.4Lux(Color),0.08Lux(B/W)/(@50IRE), 0.003Lux (Day & Night is On.)/(@50IRE)
Electronic Shutter	Auto/Manual (1/60 - 1/120.000)
Sens-Up	ON (x2 - x128 Fields) / OFF
Day/Night	ICR(Filter Switching) ON/OFF
BLC	ON/OFF
White Balance	ATW(Indoor/Outdoor Selection) AWC/Manual (1,800K - 10,500K)
Flickerless	Fixed Shutter Speed (1/100) Fixed Shutter Speed (1/120)
Iris	Auto/Manual (Iris Level Adjustment Mode)
Gain Control	Low, Middle, High, Off
OSD Display	ON/OFF
Outline Correction	Adjustable Level
Focal length	F3.3 ~ 99.0mm (30X Optical Zoom)
Digital Zoom	OFF, 2X, 4X, 10X(Total 300X Zoom)
Max. Aperture Rate	Light Angle 1:1.6 Telescopic 1:3.7
Coverage Angle	F=3.3mm 58°(Horizontal) X 44.8°(Vertical) F=99.0mm 2.22°(Horizontal) X 1.68°(Vertical)
Proximity Distance	1.2m(Tele level)

### Configuration



### Optional Mounts

Corner Mount



CB-7105

Pole Mount



CB-7104

### Mechanical

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

### Environmental

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

### Functions

Preset	248 points less than 0.1° accuracy
Tour	8 programmable
Pattern	4 patterns for 240 second.
Flip	Digital / Auto / Off (rotate 180° at bottom of tilt)
Auto Scan	8 (programmable speed and diagonal scan)
Privacy Zone	8 blocks with title (Mask / Video off)
Address	Up to 999 selectable ID (Rotary switch)
Control	RS-485 / RS-422 Multiple protocol (Auto detection) 2400, 4800, 9600, 19200 bps
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)
Data backup	Camera title on/off (8 character) Removable memory backup and recall

### Electrical

Power	24VAC 60Hz / 24VAC 50Hz (Power adaptor not included)
Consumption	18.0 W ( 1.0 A Max.)
Heater	30W (Optional outdoor housing)
Fan	3.4W (Optional outdoor housing)

### 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 N/O or N/C
Relay Out	2 Relay Output Rating: 2A @30VAC

### Certification

CE EMC , FCC CLASS A

### Dimension (mm)

