

SCD-2010F 1/3" HIGH RESOLUTION COMPACT FLAT DOME CAMERA**TECHNICAL SPECIFICATIONS****SECURITY SYSTEM****DIVISION – 28 ELECTRONIC SAFETY AND SECURITY****LEVEL 1 28 20 00 ELECTRONIC SURVEILLANCE****LEVEL 2 28 23 00 VIDEO SURVEILLANCE****LEVEL 3 28 23 29 VIDEO SURVEILLANCE REMOTE DEVICES AND SENSORS****PART 2 – PRODUCTS****2.01 GENERAL**

- A. All equipment and materials used shall be standard components that are regularly manufactured and used in the manufacturer's system.
- B. All systems and components shall have been thoroughly tested and proven in actual use.
- C. All systems and components shall be provided with the availability of a toll-free (U.S. and Canada), 24-hour technical assistance program (TAP) from the manufacturer. The TAP shall allow for immediate technical assistance for either the dealer/installer or the end user at no charge for as long as the product is installed.

2.02 SCD-2010F 1/3" HIGH RESOLUTION COMPACT FLAT DOME CAMERA

- A. The high-resolution day & night camera shall provide 600 TV lines in color with a minimum illumination of 0.04 Lux @F1.2.
- B. The camera shall provide a built-in 3mm lens.
- C. The camera shall provide coaxial control (using Pelco-C) and operate on 12V DC.
- D. The camera shall be designed and constructed for flush mounting.
- E. The camera shall provide customizable OSD which shall be available in English, Japanese, Spanish, French, Portuguese, Taiwanese and Korean in NTSC and English, French, German, Spanish, Italian, Chinese, Russian, Polish, Czech, Romanian, Serbian, Swedish, Danish, Turkish, and Portuguese in PAL.

2.03 ELECTRICAL SPECIFICATIONS

- A. Input Voltage 12V DC $\pm 10\%$
- B. Power Consumption Max 1.8W

2.04 VIDEO SPECIFICATIONS

- A. Imaging Device 1/3" Super HAD CCD
- B. Total Pixels
 - 1. NTSC 811 (H) x 508 (V)
 - 2. PAL 795 (H) x 596 (V)
- C. Effective Pixels
 - 1. NTSC 768 (H) x 494 (V)
 - 2. PAL 752 (H) x 582 (V)
- D. Scanning system 2:1 Interlace
- E. Synchronization Internal
- F. Frequency
 - 1. NTSC 15.734 KHz (H), 59.94Hz (V)
 - 2. PAL 15.625 KHz (H), 50Hz (V)
- G. Horizontal Resolution 600TV Lines, color
- H. Min. Illumination 0.04Lux (Sens-up, 2x)
- I. S / N Ratio 52dB (AGC off, Weight on)
- J. Video Output CVBS: 1.0 Vp-p, 75 Ω composite

2.05 LENS SPECIFICATIONS

- A. Focal Length (Zoom Ratio) 3mm

B. Max. Aperture Ratio	F2.0
C. Angular Field of View	89.5°(H), 67.2°(V)
D. Min Object Distance	0.4m (1.31 feet)
E. Lens Type	Fixed
F. Mount Type	Board
2.06 PAN / TILT / ROTATE SPECIFICATIONS	
A. Pan Range	$\pm 10^\circ$
B. Tilt Range	0° ~ 90°
2.07 OPERATIONAL SPECIFICATIONS	
A. On-Screen Display	
1. NTSC	English, Japanese, Spanish, French, Portuguese, Taiwanese and Korean
2. PAL	English, French, German, Spanish, Italian, Chinese, Russian, Polish, Czech, Romanian, Serbian, Swedish, Danish, Turkish, and Portuguese
B. Camera Title	On, Off (Displays 15 characters)
C. Day & Night	Auto (Electrical), Color, B/W
D. Backlight Compensation	BLC, HLC, Off
E. Contrast Enhancement	SSDR (Off, On)
F. Digital Noise Reduction	SSNR III (Off, On)
G. Digital Image Stabilization	On, Off
H. Motion Detection	Off, On (8 programmable zones)
I. Privacy Masking	On, Off (12 programmable zones)
J. Sens-up (Frame Integration)	2x ~ 512x
K. Gain Control	Off, Low, High
L. White Balance	ATW, Manual, Indoor, Outdoor, AWC (1,700°K ~ 11,000°K)
M. Electronic Shutter Speed	
1. NTSC	1/60 ~ 1/120K sec
2. PAL	1/50 ~ 1/120K sec
N. Digital Zoom	Off, On (1x~16x)
O. Flip	Vertical, Horizontal
P. Communication	Coaxial control
Q. Protocol	Pelco-C (Coaxitron)
2.08 ENVIRONMENTAL	
A. Operating Temperature	-10°C ~ +50°C (+14°F ~ +122°F)
B. Operating Humidity	Less than 90% RH
2.09 MECHANICAL	
A. Dimension	115.3 x 100.5 x 41.9mm (4.54 x 3.96 x 1.65")
B. Weight	140g (0.31 lb)
C. Color	Ivory
D. Material	Plastic
2.10 CERTIFICATIONS	
A. NTSC	FCC (Class A), UL/cUL Listed
B. PAL	CE (Class A), UL/cUL Listed
2.11 WARRANTY	
A. 3 years, parts and labor	