

SCD-5020 1000TVL(1280H) SMALL 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.
- D. All systems and components shall be provided with a one-day turnaround repair express and 24-hour parts replacement. The repair and parts express shall be guaranteed by the manufacturer on warranty and nonwarranty items.

2.02 SCD-5020 1000TVL(1280H) SMALL DOME CAMERA

- A. The camera shall be compatible with Board type in fixed lens
- B. The camera shall support virtual progressive scan CMOS. The camera shall support privacy masking and shall provide a minimum of 24 programmable zones. Support for motion detection shall also be provided.
- C. The camera shall support standard communication protocols and it shall provide a customizable on-screen display (OSD) which shall be available in English, Chinese, Korean, Japanese, German, Italian, French, Spanish, Russian, Czech, Polish, Romanian, Serbian, Swedish, Danish, Turkish, Portuguese

2.03 ELECTRICAL SPECIFICATIONS

- A. Input Voltage 12V DC $\pm 10\%$
- B. Power Consumption Max 2.8W

2.04 VIDEO SPECIFICATIONS

- A. Imaging Device 1/3" 1.3M CMOS
- B. Total Pixels 1,312(H) x 1,069(V)
- C. Effective Pixels 1,305(H) x 1,049(V)
- D. Scanning system Progressive Scan
- E. Synchronization Internal
- F. Frequency H : 15.734KHz / V:59.94Hz(NTSC)
H : 15.625KHz / V:50Hz(PAL)
- G. Horizontal Resolution Color : 1000TV lines, B/W : 1000TV lines
- H. Min. Illumination 0.09Lux(F1.8, 50IRE), 0.002Lux(1sec, F1.8 50IRE)
0.05Lux(F1.8, 30IRE), 0.001Lux(1sec, F1.8, 30IRE)
- I. S / N 52dB (AGC off, Weight on)
- J. Video Output CVBS : 1.0 Vp-p, 75 Ω composite

2.05 LENS

A. Focal Length(Zoom Ratio)	3.6mm(Fixed)
B. Max. Aperture Ratio	F1.8
C. Angular Field of View	H : 78° / V : 62.5 / D : 100°
D. Min. Object Distance	0.2m(0.66ft)
E. Lens Type	Fixed
F. Mount Type	Board type

2.06 PAN / TILT / ROTATE

A. Pan Range	0° ~ 352°
B. Tilt Range	0° ~ 70°
C. Rotate Range	0° ~ 348°

2.07 OPERATIONAL SPECIFICATIONS

A. On-Screen Display	English, Chinese, Korean, Japanese, German, Italian, French, Spanish, Russian, Czech, Polish, Romanian, Serbian, Swedish, Danish, Turkish, Portuguese
B. Camera Title	On, Off (Displays 15 characters)
C. Day & Night	Auto (Electrical), Color & B/W
D. Contrast Enhancement	SSDR(Off / On)
E. Backlight Compensation	User BLC, HLC, Off
F. Digital Noise Reduction	SSNRIV(Off / On)
G. Defog	Off / Auto / Manual
H. Purple Fringe Reduction	Off / Low / Middle / High
I. Digital Image Stabilization	Off / On
J. Tampering	Off./ On
K. Motion detection	Off / On
L. Privacy Masking	Off / On (24 programmable zones with 4 points polygonal masking)
M. Gain Control	Low, Medium, High, Off
N. White Balance	AWC, Manual, Indoor, Outdoor / ATW / Mercury(1,800°K ~ 10,500°K)
O. Electronic Shutter Speed	1sec ~ 1/12,000sec
P. Digital Zoom	Off / On (1x-16x)
Q. Reverse	Off, H-Rev, V-Rev, HV-Rev
R. Profile	Basic, Day & Night, Backlight, ITS, Indoor, User
S. Communication	Coaxial control (SPC-300 compatible)
T. Protocol	Coax : Pelco-C(Coaxitron)

2.08 ENVIRONMENTAL SPECIFICATIONS

A. Operating Temperature	-10°C ~ +55°C (+14°F ~ +131°F)
B. Operating Humidity	Less than 90% RH

2.09 MECHANICAL SPECIFICATIONS

A. Color / Material	Ivory / Plastic
B. Dimension	Ø107.6 x 84.0mm (Ø4.24" x 3.31")
C. Weight	394g(0.87lb)

2.10 WARRANTY

A. Three years, parts and labor
