

SCV-2060 1/3" HIGH RESOLUTION VANDAL-RESISTANT 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 SCV-2060 1/3" HIGH RESOLUTION VANDAL-RESISTANT DOME CAMERA

- A. The camera shall provide high resolution of 600TV lines (color) and 700TV lines (black/white) and a minimum illumination to 0.15 Lux @F1.2 (in color) and 0.001 Lux (in black/white).
- B. The camera shall include a 2.3x varifocal lens (2.5 ~ 6mm).
- C. The camera shall provide ICR for true day/night performance, motion detection, and digital noise reduction (using SSNRIII).
- D. The camera shall provide communication through coaxial control.
- E. The camera shall have an IP66 vandal resistant housing.
- F. The camera shall provide a customizable on-screen display (OSD) which shall be available in English, Japanese, Spanish, French, Portuguese, Taiwanese, Korean in NTSC and English, French, German, Spanish, Italian, Chinese, Russian, Polish, Czech, Romanian, Serbian, Swedish, Danish, Turkish, Portuguese in PAL.

2.03 ELECTRICAL SPECIFICATIONS

- A. Input Voltage Dual (24V AC, 12V DC +/-10%)
 - 1. Fan/Heater On 24V AC +/-10%
- B. Power Consumption, max. 3.8W
 - 1. Fan/Heater On 7.8W

2.04 VIDEO SPECIFICATIONS

- A. Imaging Device 1/3" Super HAD CCD
- B. Total Pixels (horizontal x vertical)
 - 1. SCV-2060N 811 x 508
 - 2. SCV-2060P 795 x 596
- C. Effective Pixels (horizontal x vertical)
 - 1. SCV-2060N 768 x 494
 - 2. SCV-2060P 752 x 582
- D. Scanning System 2:1 Interlace
- E. Synchronization Internal, Linelock
- F. Frequency (horizontal, vertical)
 - 1. SCV-2060N 15.734KHz, 59.94Hz
 - 2. SCV-2060P 15.625KHz, 50Hz

		G. Horizontal Resolution (minimum)	
		1. Color	600TV lines
		2. B/W	700TV lines
		H. Min. Illumination	
		1. Color	0.15Lux @F1.2 (50IRE), 0.0003Lux (Sens-up, 512X)
		2. B/W	0.001Lux @F1.2 (50IRE), 0.000002Lux (Sens-up, 512x)
		I. S / N (Y signal)	52dB (AGC off, Weight on)
		J. Video Output	CVBS: 1.0 Vp-p, 75Ω composite
2.05	LENS		
	A. Focal Length (Zoom Ratio)		2.5 ~ 6mm (2.4x)
	B. Max. Aperture Ratio		1 : 1.2(Wide) ~ 1.7(Tele)
	C. Angular Field of View (HxV)		103.4°(Wide) ~ 46.6°(Tele) x 77.6°(Wide) ~ 35.1°(Tele)
	D. Lens Type		DC auto iris
	E. Mount Type		Board
2.06	PAN/TILT		
	A. Pan Range		0° ~ 355°
	B. Tilt Range		0° ~ 90°
	C. Rotate Range		0° ~ 355°
2.07	OPERATIONAL SPECIFICATIONS		
	A. On Screen Display		
	1. SCV-2060N		English, Japanese, French, Spanish, Portuguese, Taiwanese and Korean
	2. SCV-2060P		English, French, German, Spanish, Italian, Chinese, Russian, Polish, Czech, Romanian, Serbian, Swedish, Danish, Turkish and Portuguese
	B. Camera Title		Off, On (displays 15 characters)
	C. Day and Night		Auto (ICR), Color, BW
	D. Backlight Compensation		BLC, HLC, Off
	E. Contrast Enhancement		SSDR (Off, On)
	F. Digital Noise Reduction		SSNRIII (Off, On)
	G. Digital Image Stabilization		Off, On
	H. Motion Detection		Off, On (8 programmable zones)
	I. Privacy Masking		Off, On (12 programmable zones)
	J. Sens-up (Frame Integration)		2x ~ 512x
	K. Gain Control		Low, High, Off
	L. White Balance		ATW, Indoor, Outdoor, Manual, AWC (1,700K°~11,000K°)
	M. Electronic Shutter Speed		
	1. SCV-2060N		1/60 ~ 1/120,000sec
	2. SCV-2060P		1/50 ~ 1/120,000sec
	N. Digital Zoom		Off, On (1x~16x)
	O. Flip		Vertical, Horizontal
	P. Communication		Coaxial control
	Q. Protocol		Coax: Pelco-C (Coaxitron)
2.08	ENVIRONMENTAL SPECIFICATIONS		
	A. Operating Temperature		-50°C ~ +50°C (-58°F ~ +122°F)
	B. Operating Humidity		up to 100% RH
2.09	MECHANICAL SPECIFICATIONS		
	A. Dimension		Ø160 x 134.5mm (Ø6.3 x 5.3")
	B. Weight		1.28Kg (2.82 lb)
	C. Body Color/Materials		Light Gray/ Aluminum

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E. Dome Cover Color/Materials	Clear/ Polycarbonate
F. Ingress Protection	IP66

2.10 CERTIFICATIONS

A. SCV-2060N	FCC (Class A), UL/cUL Listed
B. SCV-2060P	CE (Class A), UL/cUL Listed

2.11 WARRANTY

A. 3 years, parts and labor

2.12 ACCESSORIES

A. SCX-300WM	Wall Mount
B. SCX-300CM	Ceiling Mount
C. SCX-300LM	Speed Dome Parapet Mount Adaptor
D. SCX-300HM	Hanging Mount
E. SCX-300PM	Pole Mount for SCX-300WM
F. SCX-300KM	Corner Mount for SCX-300WM