

SCZ-3370 1/4" 37X HIGH RESOLUTION ZOOM 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 SCZ-3370 1/4" 37X HIGH RESOLUTION ZOOM CAMERA

- A. The high-resolution camera shall provide 600TV lines in color, 700TV lines in black/white, and operate in low light level to 0.7 Lux in color and 0.007Lux in black/white.
- B. The camera shall provide 37x optical zoom (3.5~129.5mm).
- C. The camera shall provide WDR, VPS, ICR for day/night performance, digital noise reduction using SSNR III, intelligent video and motion detection.
- D. The camera shall allow for communication through RS-485 or coaxial.
- E. The camera shall operate on dual power (24V AC & 12V DC).
- E. 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 (12V AC and 24V AC $\pm 10\%$)
- B. Power Consumption, max. 5.3W

2.04 VIDEO SPECIFICATIONS

- A. Imaging Device 1/4" Ex-view double-scan CCD
- B. Total Pixels (horizontal x vertical)
 - 1. SCZ-3370N 811 x 508
 - 2. SCZ-3370P 795 x 596
- C. Effective Pixels (horizontal x vertical)
 - 1. SCZ-3370N 768 x 494
 - 2. SCZ-3370P 752 x 582
- D. Scanning system 2 : 1 Interlace
- E. Synchronization Internal, Line lock
- F. Frequency (horizontal x vertical)
 - 1. SCZ-3370N 15.734 KHz, 59.94Hz
 - 2. SCZ-3370P 15.625 KHz, 50Hz
- G. Horizontal Resolution
 - 1. Color 600TV Lines (min.)
 - 2. B/W 680TV Lines (min.)

H. Min. Illumination	
1. Color	0.7Lux @F1.6 (50IRE), 0.001Lux (Sens-up, 512x)
2. B/W	0.07Lux @F1.6 (50IRE), 0.0002 Lux (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 SPECIFICATIONS

A. Focal Length (Zoom Ratio)	3.5 ~ 129.5mm (Optical 37x)
C. Max. Aperture Ratio	1 : 1.6(Wide) ~ 3.9(Tele)
D. Minimum Object Distance	1.5m (4.92ft)
E. Angular Field of View	55.5°(Wide) ~ 1.59°(Tele) (horizontal) 42.5°(Wide) ~ 1.19°(Tele) (vertical)
F. Focus	Auto, Manual, One-push
G. Zoom Management Speed	2.8 sec (wide to tele)

2.06 OPERATIONAL SPECIFICATIONS

A. On-Screen Display	
1. SCZ-3370N	English, Japanese, Spanish, French, Portuguese, Taiwanese, Korean
2. SCZ-3370P	English, French, German, Spanish, Italian, Chinese, Russian, Polish, Czech, Romanian, Serbian, Swedish, Danish, Turkish, Portuguese
B. Camera Title	Off, On (Display 15 characters)
C. Day & Night	Auto (ICR), Color, B/W, Ext
D. SSDR	Off, On (level adjustable)
E. Backlight Compensation	BLC, HLC, WDR, Off
F. Wide Dynamic Range	
1. SCZ-3370N	128x
2. SCZ-3370P	160x
G. Contrast Enhancement	SSDR (Off, On)
H. Digital Noise Reduction	SSNR III (Off, Low, Medium, High)
I. Digital Image Stabilization	Off, On
J. Motion Detection	Off, On (8 programmable zones)
K. Privacy Masking	Off, On (12 programmable zones)
L. Sens-up (Frame Integration)	2x ~ 512x
M. Gain Control	Low, Medium, High, Manual, Off
N. White Balance	AWC, Manual, Indoor, Outdoor, ATW (1,700K°~11,000°K)
O. Electronic Shutter Speed	
1. SCZ-3370N	1/60 ~ 1/120,000
2. SCZ-3370P	1/50 ~ 1/120,000
P. Digital Zoom	Off, On (1x~16x)
Q. Flip	Vertical, Horizontal
R. Profile	Basic, Day & Night, Backlight, ITS, Indoor, User
S. VPS	Off, On
T. Intelligent Video	Fixed, Moved, Fence, Area, Detection, Tracking, and Counting
U. Alarm	1 Out
V. Communication	RS-485, Coaxial control
W. Protocol	Samsung-T, Samsung-E, Pelco-D, Pelco-P, AD, Bosch, Honeywell, Vicon, Panasonic

2.07 ENVIRONMENTAL SPECIFICATIONS

A. Operating Temperature	-10°C ~ +50°C (+14°F ~ +122°F)
B. Operating Humidity	<90% RH

2.08 MECHANICAL SPECIFICATIONS

A. Dimension	67.6 x 73.3 x 146.2mm (2.66" x 2.89" x 5.76")
B. Weight	TBD
C. Color	Black, Silver
D. Materials	Aluminum, Steel

2.09 CERTIFICATIONS

A. SCZ-3370N	FCC (Class A), UL/cUL Listed
B. SCZ-3370P	CE (Class A), UL/cUL Listed

2.10 WARRANTY

A. Three years, parts and labor

2.11 OPTIONS

A. STB-4150V	Bracket for fixed camera
B. STH-500	Indoor Housing for fixed box camera
C. STH-200	Indoor Housing for fixed box camera
D. STB-400	Indoor/Outdoor enclosure bracket, use with STH-500 or STH-200
E. SHB-4300H1	Extreme weatherproof housing for fixed camera
F. SHB-4200/SHB-4200H	Indoor housing for fixed camera (H=with Heater)