

A&E Specifications

SCP-2370RH 37:1 W-V High Resolution PTZ Dome with IR LEDS

Version 1.0

1. 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 an explicit manufacturer warranty.

2. ELECTRICAL

- a. Input Voltage 24V AC
- b. Power Consumption Maximum 13Watts

3. VIDEO

- a. Imaging Device ¼" Vertical double density interline CCD
- b. Total Pixels 795 (H) x 596 (V)
- c. Effective Pixels 752 (H) x 582 (V)
- d. Scanning System 2:1 Interlace
- e. Synchronisation Internal / Line Lock
- f. Frequency H : 15.625LHz / V : 50Hz
- g. Horizontal Resolution Colour : 600TV Lines (Minimum) / Monochrome : 700TV Lines (Minimum)
- h. Minimum Illumination Colour : 0.2Lux (50 IRE @ F1.6) 0.02Lux (Sens-up x 256), Monochrome: 0.0Lux IR LED on
- Signal to Noise Ratio 52dB
- i. Video Output CVBS : 1.0Vp-p / 75Ω

4. LENS

- a. Zoom Ratio
 - i. Optical 37:1 ratio zoom
 - ii. Digital 12:1 ratio zoom
- b. Focal Length 3.5 – 129.5mm (F1.6 – 3.9)
- c. Maximum Aperture Ratio 1 : 1.6 (Wide) – 3.9 (Tele)
- d. Minimum Object Distance 1.5 meters
- e. Field of View
 - i. Horizontal H : 55.5° (Wide) – 1.59° (Tele)
 - ii. Vertical V : 42.5° (Wide) – 1.19° (Tele)
- f. Focus Automatic / Manual / One-push
- g. Zoom Movement Speed 2.8 seconds
- h. Iris Control Automatic / Manual / One Shot

5. PAN / TILT

- a. Pan Range 360° Continuous
- b. Pan Speed
 - i. Preset 250° / Second
 - ii. Manual 0.024° - 120° / Second with proportional zoom control
- c. Tilt Range -5° - 185°
- d. Tilt Speed
 - i. Preset 250° / Second
 - ii. Manual 0.024° - 120° / Second with proportional zoom control
- e. Preset Positions 255 presets
- f. Preset Accuracy ±0.1°
- g. Pan Tilt Zoom Modes **Preset, Swing, Group, Tour**



6. OPERATIONAL

- a. On Screen Display
- b. Supported Languages English, French, German, Italian, Spanish, Russian, Polish, Czech, Turkish, Portuguese
- c. Camera Title On / Off (Displays 12 characters)
- d. Camera RS-485 ID (Address) 1 – 255
- e. Day / Night Mode
 - i. Automatic True day / night with removable Infra Red cut filter
 - ii. Manual Colour only (day) / Monochrome only (night)
- f. Schedule **By Day 6 x per day.**
- g. Backlight Compensation Options
 - Back Light Compensation (BLC)
 - High Light Compensation (HLC)
 - Off
- h. Motion Detection On / Off
- i. Digital Image Compensation On / Off
- j. Privacy Masking On / Off with 8 Programmable zones
- k. 3D Noise Filter Samsung Super Noise Reduction III (SSNRIII)
- l. Sens-up (Frame Integration) On (Selectable 1 – 512K)
Off
- m. Gain Control
 - Low
 - High
 - Off
- n. White Balance
 - Auto Tracing White (ATW) (1,700°K – 11,000°K)
 - Auto White Control (AWC)
 - Manual White Balance (MWB)
 - Indoor
 - Outdoor
- o. Pan and Tilt Limiter** **Electronic OSD selectable**
Left / Right
Up / Down
- p. Electronic Shutter Speed Auto (1/50 – 120,000)
- q. Back Box Memory
 - Module to housing
 - Housing to Module
- r. Communication RS-485/422 & Coaxitron
- s. Protocol Samsung Techwin/Electronics, Pelco-D/P, GE
Pelco C, Panasonic, Bosch, Honeywell, AD, Vicon

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t. Alarms

8 – Alarm Inputs
3– Alarm Outputs
100m (850nm IR LED : 2ea)

u. IR Distance

v. IR Angles

Zoom Ratio	IR illumination angle
1	59
2.2	27
3.1	20
4.5	14
6	12
8.7	9.5
12	7.7
15	6.6
19 & >	5.8

7. ENVIRONMENTAL

a. Operating

i. Temperature

-10°C - +50°C

ii. Humidity

20% - 95% RH

b. Storage

i. Temperature

-50°C - +60°C

ii. Humidity

20% - 95% RH

8. Mechanical

a. Dimensions :

Ø248 W x 399.5H mm

b. Weight:

6 kg

c. Ingress Protection

IP66

d. Materials

Aluminium Enclosure

e. Colour

Ivory & Black

9. CERTIFICATIONS

CE

FCC

UL

10. WARRANTY

3 years, parts and labour

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