SANYO

36X, 520TVL, HIGH-SPEED PTZ SYSTEM DOME

VCC-9800
VCC-9700

VCC-9800 Series

- Day/Night System Dome
- IR Cut Filter Removal System
- 1.0 lx @ F1.6 (color), 0.05 lux @ F1.6 B/W

VCC-9700 Series

- Color System Dome
- 1.0 lx @ F1.6

VCC-9800 & VCC-9700 Series

- 36X Optical Zoom & 16X Digital Zoom (576X Total)
- 520 TVL Super High Resolution
- Up to 32x Sensitivity Boost
- Digital Image Stabilization
- Automatic Tracking of Objects Within the Scene
- Mirror Function: Horizontal and/or Vertical Image Flip
- 24 Rectangular Privacy Masking Areas of Arbitrary Size
- Pan Range of 360° Continuous Rotation
- Tilt Range of -5° to 185° Digital Auto Flip On
- High-speed Rotation Between Preset Positions
  Pan: 435°/sec, Tilt: 400°/sec
- Manual Pan/Tilt Speeds of 0.1 to 120°/s
- RS-485 or Coaxial Control Communication
- Protocols Supported: SANYO SSP RS-485, SANYO SSP Coax,
  Pelco-D, Pelco-C
- Digital Auto Flip
- 256 Preset Positions
- Three Auto-mode Settings: Sequence, Tour, Auto Pan
- 4 Sequences
- 4 Guard Tours
- 8 Alarm Inputs & 2 Alarm Outputs (NO/NC Switchable)
- Surface, In-ceiling and Outdoor Versions
- Optional VA-80LAN Network Board

ISO 9001

36X, 520TVL, HIGH-SPEED PTZ SYSTEM DOME

Specifications

MODEL	VCC-9800	VCC-9700
Scanning system	NTSC standard 525 lines, 60 fields/sec.	
Image sensor	1/4" (approx. 3.6 mm x 2.7 mm) interline transfer method CCD	
Picture elements	Total: 811(H) x 508(V), Effective: 768(H) x 494(V)	
Horizontal resolution	520 TV lines	
Minimum illumination (approx.) 50 IRE	1.0 lx (at F1.6 GAIN:HIGH color mode) 0.05 lx, (at F1.6 B/W mode)	1.0 lx (at F1.6 GAIN:HIGH color mode)
20 IRE	0.4 lx (at F1.6 GAIN:HIGH color mode) 0.02 lx, (at F1.6 B/W mode)	0.4 lx (at F1.6 GAIN:HIGH color mode)
Electronic sensitivity boost	Auto (interlocked with auto iris), up to x32 / OFF	
Video S/N ratio	More than 50 dB (AGC OFF)	
Backlight compensation	ON / OFF —— Slide SW, ON = Multi-spot photometry (48-section) / 5-section photometry / Multi-spot masking (48-section)	
White-balance	ATW/AWC/Manual/Outdoor/Indoor/Fluorescent	
Gain control	Low / Normal / Middle / High /Off	
Electronic shutter	High-speed mode: 8 steps: 1/60, 1/100, 1/250, 1/500, 1/1000, 1/2000, 1/4000, 1/10000 Low-speed mode: 5 steps: x2, x4, x8, x15, x30 (1/30, 1/15, 1/8, 1/4, 1/2)	
Zoom lens	36x optical zoom, f = 3.4 to 122.4 mm, (F1.6 to 4.5) ON / OFF, up to x16 electronic zoom (Max. 576x combined with optical zoom)	
Movement range Panning	360° endless	
Tilting	-5 to 185° (Digital auto flip ON)	
Movement speed Panning	Preset: 435°/sec, Manual: 0.1 to 120°/sec	
Tilting	Preset: 400°/sec, Manual: 0.1 to 120°/sec	
Motion detection	On / Off: Motion zoom function	
Privacy masking	On / Off: Max. 24 masked locations	
Synchronizing system	Internal sync. / Line lock	
V phase adjustment	LINE PHASE	
Communication	RS-485 / Coaxial control	
Protocols	Sanyo SSP, Sanyo Coax, Pelco-D, Pelco-C	
Environmental conditions Temperature	-10°C to 50°C [+14°F to 122°F], -30°C to 50°C (-22°F to 122°F (outdoor version)	
Humidity	within 35 to 90% RH	
Power requirement	24 V AC ±10%, 60Hz	
Power consumption (approx.)	Indoor 16W, Outdoor 35W	
Weight (approx.)	Outdoor type: 5.1kg (11.22 lbs)	
	Surface type/Pendant type: 2.4kg (5.28 lbs)	
	In-ceiling type: 3.4kg (7.48 lbs)	
Regulatory	UL, FCC Class B	

VA-80LAN Optional Network Board

Image compression	JPEG
Resolution	720 x 480, 720 x 480DFFC*, 720 x 240, 640 x 480, 640 x 480DFFC*, 360 x 240, 180 x 120
Picture quality	5 levels
Frame rate	Max. 30 IPS (720 x 240)
Audio compression method	G.711 (192 kbps), full duplex
Microphone input	–62 to –32 dB (monaural microphone) 3.5 mm mini jack
Audio output	LINE OUT, monaural audio output, Max. –8 dB, 3.5 mm mini jack
Bandwidth	128, 256, 512 Kbps, 1, 2, 3, 4 Mbps, no limitation
Alarm buffer	Up to 8 MB; configurable
Interface	10BASE-T/100BASE-TX (RJ45 connector)
Protocols	TCP, UDP, HTTP, HTTPS, SMTP, NTP, DHCP, FTP, UPnP
Simultaneous access capacity	Image: Max. 16, Voice: Max. 16 (admin: 1)
Security	BASIC authentication (ID/password), SSL supported (image only)
Bundled software	VA-SW3050LITE

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Specifications and product design are subject to change without notice.