

Think GAIA
For Life and the Earth

SANYO

1/4" Color CCD DSP High-Resolution Camera

VCC-P6784

- More than 520 TV lines of horizontal resolution
- No focus adjustment necessary, crisp clear image through entire depth of field
- Three types of zoom control (VAC-70, Coaxial/RS-485 and voltage)



PAN-FOCUS
Technology in Perspective

Built-in 2.6x Motorized Zoom Pan-Focus Lens

(f = 2.8-7.3mm, F = 1.9-3.0) No focus adjustments



Pan-focus lens image



Varifocal lens image

Comparative images are representations only.

Main Features

Focuses on all objects simultaneously with 2.6x pan-focus lens

When using a varifocal lens, objects in front of and behind the main focus point appear blurred. This has led to the development of deep-focus techniques allowing simultaneous focusing on all objects in the field of view. Early research and develop by SANYO has resulted in successful product development of a 2.6x pan-focus lens offering a picture with a greater depth of field. Now clearer pictures, even of distant objects, can be achieved with cameras for surveillance applications.



Pan-focus lens image

- Clear focusing on all shooting areas with great depth of field
- No focus adjustments
- Remote zoom adjustment possible with VAC-70 camera control unit



Varifocal lens image

- Clear focusing on a specific area
- Manual focus adjustments
- Manual zoom adjustments

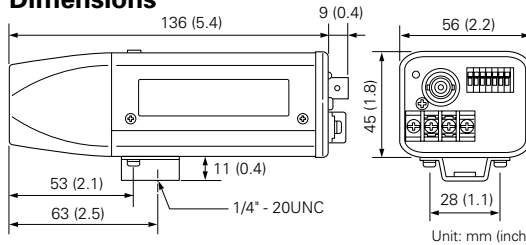
- Built in interline transfer method 1/4" CCD, approx. 410,000 picture elements.
- Excellent immunity to shock and vibration using all solid-state components.
- High sensitivity, minimum required illumination is 1.9 lx. (F1.9)
- More than 520 TV lines of horizontal resolution.
- Equipped with intelligent Backlight compensation.
- TTL auto-white balance, auto-tracking system.
- Built in high-speed electronic shutter.
- Dual power supply 12V DC or 24V AC
- Internal sync/Line-lock sync
- Three types of zoom control
 - Simplified controller VAC-70 (sold separately)
 - SSP, H-SSP control via coaxial and RS-485
 - Voltage control

Specifications

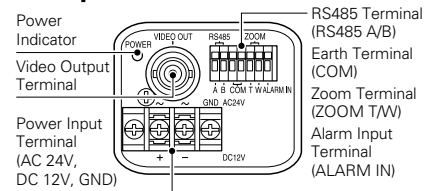
Model No.	VCC-P6784	
Scanning system	NTSC standard 525 lines, 60 fields/sec.	
Image sensor	1/4" Interline transfer method CCD (3.6 x 2.7 mm)	
Number of pixels	Total: 811 (H) x 508 (V), Effective: 768 (H) x 494 (V)	
Horizontal resolution	More than 520 TV lines	
Minimum illumination (approx.)	20 IRE	0.76 lx (F1.9, Gain High)
	50 IRE	1.9 lx (F1.9, Gain High)
Video output	1.0 Vp-p/75 ohms, composite, BNC	
Video S/N ratio	More than 50 dB (AGC Off)	
Lens	Built-in motorized zoom pan-focus auto iris lens, f=2.8-7.3 mm (2.6x), F1.9-3.0	
Backlight compensation	ON (multi-spot metering [High/Normal], center-zone metering) / OFF	
White balance	ATW / AWC / Manual (MWB) / Outdoor (3200) / Indoor (5600) / Fluorescent (FLUO)	
Gain control	High / Normal / Off	
Gamma	0.45 / 1	
Electronic shutter	1/60, 1/100, 1/250, 1/500, 1/1000, 1/2000, 1/4000, 1/10000 sec.	
Motion detector	On / Off: Motion zoom function	
Privacy masking	On / Off: Max. 4 masked locations	
Communications	Simplified controller VAC-70 (sold separately) supported	
Communication protocol	Coaxial control: SSP/H-SSP/PELCO-C, RS485: SSP/PELCO-D, Video out: Coaxial cable	
Alarm input	1 (NO / NC), with alarm zoom function	
Character display	On / Off, Camera ID max. 16 characters, adjusting position	
Synchronizing system	Internal synchronization / Line lock	
Aperture compensation	High plus / High / Normal / Off	
Environmental conditions	Operating	Temperature: -10 to +50°C (+14 to +122°F), Humidity: 35% to 90% RH
	Storage	Temperature: -20 to +70°C (-4 to +158°F), Humidity: within 70% RH
Power supply	12-15V DC / 24V AC ±10%, 60 Hz	
Power consumption (approx.)	3.9 W	
Dimensions (W x D x H)	56 x 136 x 45 mm (2.2 x 5.4 x 1.8 in.) (excluding protrusions)	
Weight (approx.)	280 g (9.88 oz)	
Regulatory	UL, FCC Class B	

• Specifications subject to change without notice.

Dimensions



Rear panel



Pan-Focus Camera Lineup



VDC-DP7584
1/4" Color CCD DSP High-Resolution Vandal-Resistant Day/Night Dome Camera

VDC-DP9584S
1/4" Color CCD DSP High-Resolution Vandal-Resistant Day/Night PTZ Dome Camera

VDC-DP9584N
1/4" Color CCD DSP High-Resolution Vandal-Resistant Day/Night Network PTZ Dome Camera



VCC-P7574
1/4" Color CCD DSP High-Resolution Indoor Mini Dome Camera

VCC-P9574S
1/4" Color CCD DSP High-Resolution Indoor Mini PTZ Dome Camera

VCC-P9574N
1/4" Color CCD DSP High-Resolution Indoor Mini Network PTZ Dome Camera



VCC-XZ200
1/4" Color CCD DSP High-Resolution Weatherproof Day/Night Zoom Camera

Caution: Please consult the instruction manual to ensure safe and proper operation of the product.



DI Company of SANYO Electric Co., Ltd. obtained Quality Management System ISO 9001 and Environmental Management System ISO 14001 certifications.

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