



### Privacy Masking

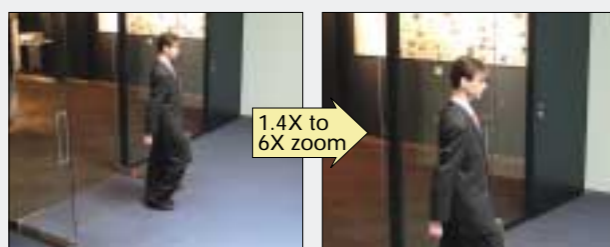
When there is a house or even an object as small as a window within the camera frame, it is possible to mask the area so that it will not appear on the monitor screen to protect other people's privacy. Up to 4 rectangular masks of arbitrary size can be set per screen (or as many as 8 using the VCC-9300 when screens are stacked). These masked areas may be protected with passwords (maximum four digits).



Note: Images here may differ from actual camera-generated images.

### Intelligent Digital Motion Detector

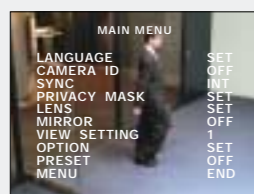
The intelligent digital motion detector enables reliable and accurate motion detection by analyzing the "magnitude of movement" and the "size of object" and other factors from changes in picture brightness. When a moving object is detected, the VCC-9300 can send an alarm signal and/or switch to zoom modes of 1.4X to 6X. Scene elements such as swaying trees and flickering lights, etc., can also be masked to prevent triggering of false alarms.



Note: Images here may differ from actual camera-generated images.

### Easy On-screen Setup and Customizing of Default Settings

Both the VCC-9300 and VCC-ZM300 can be programmed on-screen and operated using a controller with SANYO's Security Serial Protocol (SSP). Moreover, as an added bonus, with VCC-ZM300 you can even program and customize default settings using the cursor and menu setting buttons integrated into the rear panel of the camera.



### Other useful features

- Adjustable gamma correction and aperture settings
- Display of assignable camera ID and titles (16 characters max.)

## VCC-9300 / VCC-ZM300

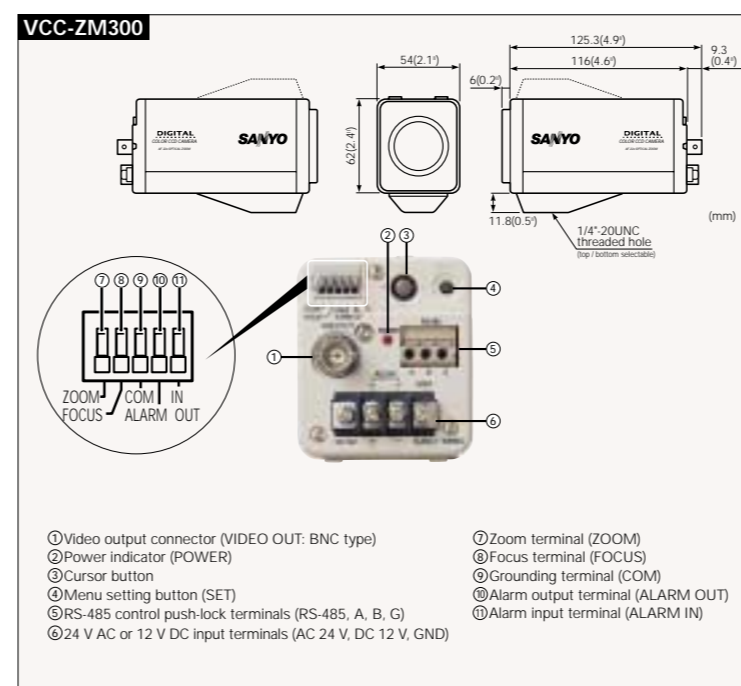
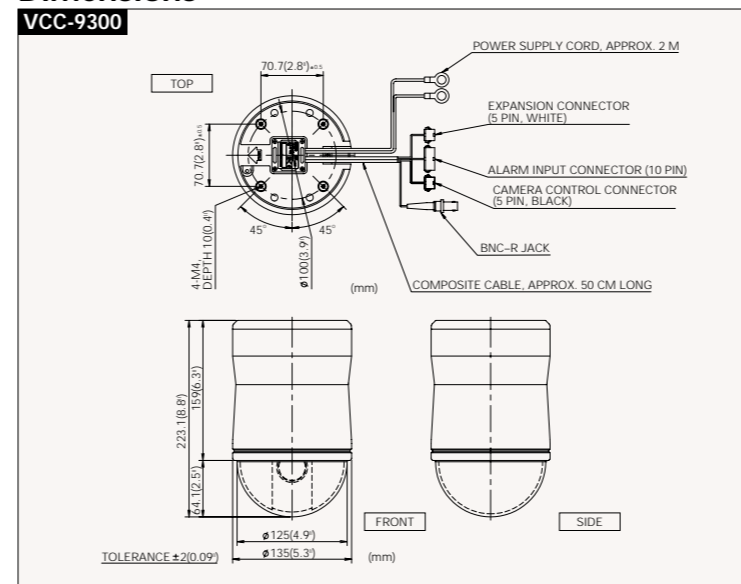
### Specifications

MODEL	VCC-9300
Image sensor	1/4" interline transfer method CCD
Effective pixels	768 (H) x 494 (V)
Horizontal resolution	Over 520 TV lines
Lens	22 power zoom lens, f = 4.0 to 88 mm (F1.6 to 3.8). Electronic zoom and gearing, Zoom speed setting possible
Electronic zoom	16 power (combined with optic zoom give 352 power max.), Zoom magnification setting possible
Auto focus	AUTO / ONE-PUSH / MANUAL, AF area setting possible (3 sizes)
Iris control	AUTO / MANUAL
Synchronization method	Internal synchronization / Line lock
Minimum illumination	2.0 lx (F1.6) at max. AGC gain, 0.06 lx (F1.6) at x32 electronic sensitivity boost [50 IRE] 0.8 lx (F1.6) at max. AGC gain, 0.024 lx (F1.6) at x32 electronic sensitivity boost [20 IRE]
S/N	More than 48 dB
Backlight compensation	Multi-zone photometry / 5 section photometry / Multi-zone Masking
Electronic shutter	Fast shutter speed mode: 1/60, 1/100, 1/250, 1/500, 1/1000, 1/2000, 1/4000, 1/10000, Slow shutter speed mode: x2, x4, x8, x16, x32
Electronic sensitivity boost	AUTO / OFF, works with auto iris
White balance	ATW / AWC / MWB
Automatic gain control	ON / OFF / MANUAL
Motion detector	ON / OFF, individual settings possible
Aperture	H / V setting possible
Privacy masking	ON / OFF, max. 8 masks (wide view screen, 1 screen max. 4 masks), Password lockable
Alarm input/output	8 external inputs, 2 external outputs, Motion detector with external alarm AND/OR output options
Mirror image effect	Horizontally (H), vertically (V), horizontally and vertically (VH)
Character display	ON / OFF, screen titles and camera ID max. 8 characters each
View setting	9 settings
Auto mode	Sequential pan / Auto pan / Tour (2 tour recordings, 30 seconds each)
Rotation range	Horizontal: 360° endless, Vertical: 0 to 180° (digital auto flip)
Rotation speed	Horizontal: 360°/second (preset), 0.5 to 120° (manual), Vertical: 360°/second (preset), 0.5 to 120° (manual)
Preset position setting	64 settings
Communications	Coaxial control, RS-485
Operational temperature/humidity	+14° to +122°F [-10° to +50°C], below 90% RH
Power source	24 VAC, 60 Hz
Power consumption	15 W
Weight	2.5 kg [80.7 oz]

MODEL	VCC-ZM300
Image sensor	1/4" interline transfer method CCD
Effective pixels	768 (H) x 494 (V)
Horizontal resolution	Over 520 TV lines
Lens	22 power zoom lens, f = 4.0 to 88 mm (F1.6 to 3.8). Electronic zoom and gearing, Zoom speed setting possible
Electronic zoom	16 power (combined with optic zoom give 352 power max.), Zoom magnification setting possible
Auto focus	AUTO / ONE-PUSH / MANUAL, AF area setting possible (3 sizes)
Iris control	AUTO / MANUAL
Synchronization method	Internal synchronization / Line lock
Minimum illumination	2.0 lx (F1.6) at max. AGC gain, 0.06 lx (F1.6) at x32 electronic sensitivity boost [50 IRE] 0.8 lx (F1.6) at max. AGC gain, 0.024 lx (F1.6) at x32 electronic sensitivity boost [20 IRE]
S/N	More than 48 dB
Backlight compensation	Multi-zone photometry / 5 section photometry / Multi-zone Masking
Electronic shutter	Fast shutter speed mode: 1/60, 1/100, 1/250, 1/500, 1/1000, 1/2000, 1/4000, 1/10000, Slow shutter speed mode: x2, x4, x8, x16, x32
Electronic sensitivity boost	AUTO / OFF, works with auto iris
White balance	ATW / AWC / MWB
Automatic gain control	ON / OFF / MANUAL
Motion detector	ON / OFF, individual settings possible
Aperture	H / V setting possible
Privacy masking	ON / OFF, max. 4 masked locations, Password lock possible
Alarm input/output	1 alarm input (for external alarm switch), 1 alarm output (for sending signal to system controller or alarm detection device such as a buzzer)
Mirror image effect	Horizontally (H), vertically (V), horizontally and vertically (VH)
Character display	ON / OFF, camera ID max. 18 characters
View setting	9 settings
Communications	Coaxial control, RS-485
Operational temperature/humidity	Temperature: +14° to +122°F [-10° to +50°C], Humidity: 35 to 90% RH
Power source	24 VAC, 60 Hz / 12 to 15 VDC
Power consumption	4.5 W
Weight	380 g [13.3 oz]

NOTE: Specifications subject to change without notice.

### Dimensions



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

Distributed by:



SANYO Electric Co., Ltd.  
Video Imaging Systems Division  
www.sanyosecurity.com

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VCC-9300 Color (NTSC)  
VCC-ZM300 Color (NTSC)

DIGITAL

1/4" Color CCD DSP  
High-resolution  
Cameras

520 TV Lines of  
Horizontal Resolution  
352X  
Power Zoom Captures  
Up-Close Details

Speed Dome  
Camera

Auto Focus  
Zoom Camera



VCC-9300



VCC-ZM300





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