

# VDC-D1184VA/D2184VA

## Specifications

Model	VDC-D1184VA	VDC-D2184VA
Housing	Surface	In-ceiling
Scanning system	NTSC standard TV system (525 TV lines, 30 frames/sec)	
Interlace	PLL 2:1 interlace	
Image device	1/4-inch interline transfer CCD	
Picture elements	881 (H) x 508 (V)	
Effective picture elements	768 (H) x 494 (V)	
Synchronizing system	Internal sync / Line lock	
Resolution	Horizontal: 520 TVL, Vertical: 350 TVL	
Video output level	1.0 Vp-p/75 ohms, composite	
Video S/N ratio	More than 48 dB	
Minimum illumination (approx.)	0.04 lx (F 1.4, B/W mode) / 1.2 lx (F 1.4, color mode)	
White balance	ATW / Manual switching	
Backlight compensation	Manual ON (multi-spot photometry, center-focus photometry) / OFF	
Electronic shutter	4 speeds, selectable by switches: 1/60, 1/100, 1/1000, 1/2000 sec.	
Built-in lens	Varifocal lens, 2.8 - 5.8 mm	
Pan/tilt adjustment (manual)	Horizontal: 180°, Vertical: 90°	
Waterproof standard	IP66 rated	
Operating environment	Temperature: -10°C to +50°C, Humidity: less than 90% (no condensation)	
Power requirement	12V DC or 24V AC, 60 Hz	
Power consumption (approx.)	2.9W	
Weight (approx.)	1.35 kg (2.97 lbs.)	1.02 kg (2.23 lbs.)

NOTE: Specifications subject to change without notice.

## Dome Series Product Number System

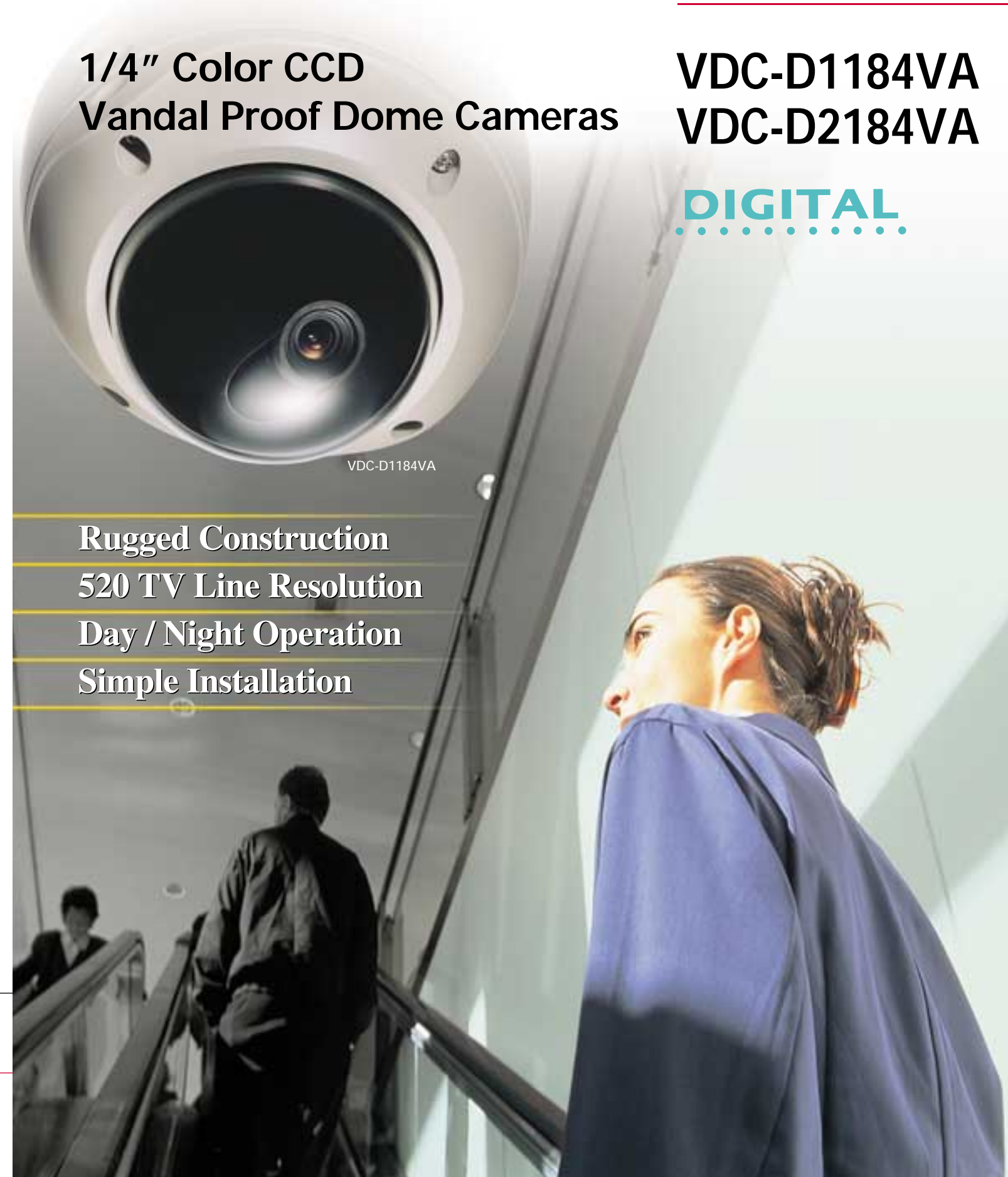
VDC-D1184VA	
D	...Day/Night Shooting
11	...Surface Mount Housing
21	...In-Ceiling Mount Housing
84	...High Resolution (520 TV Lines)
V	...Varifocal Lens
A	...Auto Iris

# SANYO

## 1/4" Color CCD Vandal Proof Dome Cameras

## VDC-D1184VA VDC-D2184VA

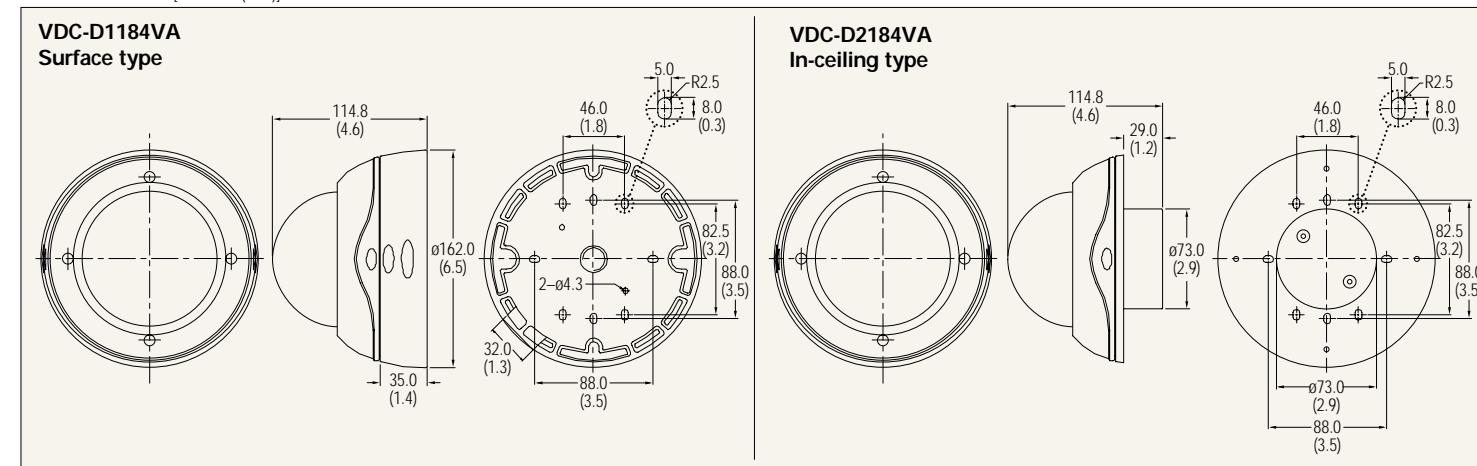
### DIGITAL



VDC-D1184VA

**Rugged Construction**  
**520 TV Line Resolution**  
**Day / Night Operation**  
**Simple Installation**

## Dimensions [Unit: mm (inch)]



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

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

Distributed by:

# SANYO

SANYO Electric Co., Ltd.  
[www.sanyosecurity.com](http://www.sanyosecurity.com)

©2003 SANYO Printed in Japan '03.6.MA.

SMS059

Building security systems with greater peace of mind.

# Vandal Proof Dome Cameras that Work Round the Clock

Housed in impact-resistant enclosures, the latest additions to SANYO's vandal proof series of dome cameras combine digital signal processing (DSP) circuitry and a 1/4-inch charge coupled device (CCD) to deliver the industry's highest horizontal resolution at 520 TV lines. Together with these and a host of other features, color-B/W switching and low-light capability for day/night surveillance and an all-in-one design for easy installation make these cameras ideally suited to a broad range of security applications.

## High-Performance Imaging and Optics

### 520 TV Line Resolution

Features SANYO's DSP circuitry and a high performance 1/4-inch CCD for an industry-leading horizontal resolution of more than 520 TV lines. Delivers sharp, crisp images for greater precision in surveillance under a varied range of conditions.



### Sophisticated Backlight Compensation

Both models feature two selectable backlight compensation modes: multi-spot photometry (applied to the whole screen) and center-focus photometry (applied to the central portion only).



### Built-In Varifocal Zoom Lens

Features a high-performance 2x zoom varifocal (2.8 to 5.8 mm) lens. SANYO's varifocal lens cameras eliminate the bother of having to choose the right lens for different installation sites, as in the case of fixed-focal lens cameras.

## Rugged Construction

### Tough Die-Cast Aluminum Housing

Housed in an exceptionally tough die-cast aluminum enclosure for extra durability under the most demanding of conditions. To protect against tampering, the fixing screws of the enclosure cover have a unique shape that prevents it from being opened with ordinary tools.

### Polycarbonate Dome for High Impact Resistance

Together with the rugged die-cast aluminum enclosure is a polycarbonate dome with excellent impact-resistance characteristics to provide a formidable defense against deliberate attacks intended to disable the camera.

## Waterproof Design

### IP66 Rated Enclosure

The camera's protective enclosure safely meets the IP66 standard for resistance against debilitating water and dust.



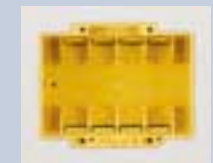
## Simple Installation

### Surface or In-Ceiling Mounting

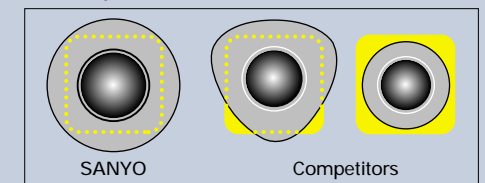
Each vandal proof dome series camera comes with everything you need for easy mounting and installation. Choose from two installation types: Surface and In-Ceiling.

### Adapts to Standard Double-Gang Electrical Boxes

The housing's back panel has original mounting holes and holes for mounting to a NEMA-standard double-gang electrical box. Thanks to the size of the dome housing, no special parts or additional brackets are needed for installation. The unit installs easily and quickly — a big advantage when installing several cameras.



Double-Gang Electrical Box



### Adjustable Viewing Angle

Manual adjustment of the camera's viewing angle allows for 180 degree panning in the horizontal plane and 90 degree tilting in the vertical plane. The viewing angle is easy to adjust even after installation.



### Runs on AC or DC Power Sources

All vandal proof dome cameras can operate on either 12V DC or 24V AC (60 Hz). Switching to the correct mode occurs automatically when power is supplied.



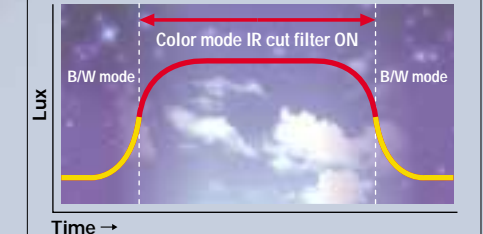
VDC-D1184VA Surface type

## Day and Night Operation

### Automatic Color-B/W Switching

Providing both daytime and nighttime shooting capabilities, the camera automatically switches between color and B/W imaging modes in response to subject brightness. A HI-LOW switch enables selection of the switchover point between color and B/W modes. Minimum required illumination in B/W mode is an impressive 0.04 lux at F1.4.

### Proprietary auto-switching infrared cut filter



### Switchover point



### Manual Switching Options

In addition to automatic switching, wiring can be performed enabling manual switching for camera operation solely in color or B/W mode irrespective of ambient lighting conditions.



VDC-D2184VA In-ceiling type

