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For Life and the Earth

**SANYO**

## High-resolution Vandal-resistant IR Dome Camera

VDC-D1785IRVP PAL

- High Resolution of 540 TV Lines (typical)
- Built-in 3.2x Vari-focal IR Lens (f=3.7 to 12mm, F1.4)
- Built-in IR LED
- IP67-rated Enclosure
- Vandal-resistant Dome Camera

**Surveillance Camera with Built-in IR LED**  
Captures images in complete darkness with no light source.



**DAY NIGHT**

Super-High Resolution  
**540-TVL**



Conventional camera



**IR LED**

# VDC-D1785IRVP

## Features

### High Resolution of 540 TV Lines

SANYO has improved the horizontal resolution to 540 TV lines by developing the full capability of the CCD and using an IR cut filter with enhanced performance. The result is better picture quality, which even a conventional high resolution camera cannot match.

### Built-in 3.2x Vari-focal IR Lens

The 3.2x vari-focal IR lens (3.7mm to 12mm) is capable of providing wide angle pictures in addition to standard pictures.

### Built-in IR LED

There is no need to prepare a separate light source. The camera comes with an infrared LED and, therefore, all you need to do is install the camera. The built-in LED makes it possible to capture images of an intruder even in complete darkness without alerting the person.



Conventional camera

IR LED camera

### True Day/Night

24-hour surveillance is possible with just a single camera that works as a color camera during the day and a high-sensitivity B/W camera during the night. The mode of operation is automatically switched by replacing the optical filter. In addition to the IR sensing and high-sensitivity (BW) modes, the IR LED further expands the feasibility of surveillance, even in complete darkness.

### IP67-rated Enclosure

VDC-D1785IRVP is designed to resist dust and water. The IP67 compliant package makes it suitable for outdoor installation at locations exposed to wind and rain. Of course, this does not prohibit use for indoor applications.

### Vandal-resistant Enclosure

Vandal-resistant camera casing does not break even when hit with a hammer. Eliminates concern about the camera being damaged.

### Suitable for a Variety of Applications

In addition to the basic flush-mount casing for the ceiling, a surface-mount adaptor is included for increased versatility.

### Three-axis Adjustment

The three-axis mechanism makes it easy to adjust the field of view. It increases flexibility for installation.

### Triple Video Output (BNC/UTP/ADJ)

A UTP output has been added to the conventional composite video output. It makes wiring easier and less expensive. The camera also has an added terminal for the convenient adjustment of modifying the field of view and focus at the time of installation.

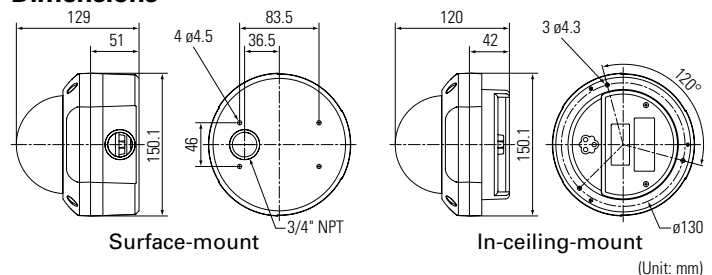
## AC/DC Power Source Compatibility

VDC-D1785IRVP comes with power supply terminals of 24V AC and 12V DC. Select an appropriate source, depending on the location.

## Specifications

Model No.	VDC-D1785IRVP
Scanning system	PAL standard 625 lines, 50 fields/sec.
Image sensor	1/3" Interlace CCD sensor
Number of effective pixels	752(H) x 582(V)
Horizontal resolution	540 TV lines (Typical)
Lens	f=3.7 to 12mm, F1.4, IR lens
Minimum illumination	(50IRE) 0.7 lx (at F 1.4) LED-OFF, 0.0 lx LED-ON (20IRE) 0.3 lx (at F 1.4) LED-OFF, 0.0 lx LED-ON
Video/Monitor output	1.0 V p-p (75 ohms, composite)
Video S/N ratio	More than 48dB
Day & Night	True Day/Night
Backlight compensation	ON/OFF
White balance	Auto
Auto iris drive	DC
AGC gain	ON/OFF
Flickerless	ON/OFF
Gamma correction	0.45
Sync system	Internal
Unshielded twisted pair	Passive type
IR LED	18 pcs
IR distance	20m
IR wavelength	850 nm
Operating temperature	-10°C to +50°C (14°F to 122°F)
Operating humidity	Less than 90% (no condensation)
Power supply	12V DC $\pm$ 10%, 24V AC $\pm$ 10%, 50Hz
Power consumption (Approx.)	7.0 W
Weather protection class	IP67
Dimensions (Ø x H)	150.1 x 129mm (5.9" x 5.1")
Weight (Approx.)	0.95kg (33.5 oz) In-ceiling-mount, 1.2kg (43.7 oz) Surface-mount
Accessories	Surface-mount adaptor x 1, Instruction manual x 1, Conduit cap x 1, Fixing screw (31TP) x 4, Wall plugs x 4, Fixing screw (M4x0.7P x 15mm) x 3, Screwdriver x 1, Monitor out cable x 1, Hexagonal wrench x 1

## Dimensions



- Specifications and product design are subject to change without notice.
- Screen images are simulated. • Comparative images are representations only.

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



International Sales & Marketing Headquarters of SANYO Electric Co., Ltd. obtained Environmental Management System ISO 14001 certifications.

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