

## Product Information

VPD100 is a high performance Mini Speed Dome camera which reproduces an extremely clear picture and a various PTZ function.

Used with Auto Focus(A/F) 10x Optical zoom, this unit can precisely adjust a focus. It reproduces a purely natural color at day and extremely low light performance up to 0.0007 Lux at night. Various Presets make the unit possible to watch out for a board area effectively.

Built-in ICR(IR Cut Filter Removable) makes the unit sensitive to IR combined surveillance for viewing a long distance at total darkness and viewable a noiseless B/W image with increased 570TVL.



## Key Features

- 1/4" Sony Super HAD CCD
- High resolution of 520TVL(Day) / 570TVL(Night)
- Extremely high sensitivity of 0.0007 Lux
- Dynamic Noise Reduction(DNR)
- Optical 10x Zoom(f3.8mm~38mm)
- Digital 2x ~ 10x Zoom
- 360° endless rotation(Max. 240° /sec.)
- 64 Presets & a various automatic surveillance
- 4 Privacy masking zones
- Sens-up(2x~8x)
- Intelligent & precise mechanism
- 4 Sensor Input
- RS-485 Remote control(Pelco-D/P)
- 12VDC
- 24VAC available(option)

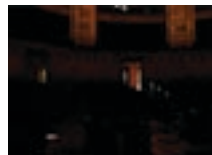
## 64 Presets & various automatic surveillance

Presets up to 64 points, Group surveillance and Tour set enable user to use this unit conveniently and effectively.



## Removable Motorized IR Cut Filter (ICR) Viewable at total darkness !

The image at daytime displays as True Color with IR Cut filter attached and turns to clear B/W (color signal removal) mode at night (True Day/Night). With ICR, it comes to IR sensitive that enables the camera to view the scene at total darkness.



Normal PTZ.



VPD100

## High resolution clear image of 520TVL

This unit realizes a high resolution of 520TVL using high performance CCD image sensor & DSP chip and an extremely outstanding clear vivid color image.



520TVL (Day)



570TVL (Night)

## Precise Optical 10x & Digital 10x zoom

This unit incorporates A/F Optical 10 times zoom so that user can capture the clear view of up to 100 times closer when the image is magnified.



Full Screen



10x

## Quick and Easy installation

Intelligent design makes this unit installed quickly and easily.

# VPD100 | 10x Zoom Mini Speed Dome camera

## Extremely upgraded sensitivity of 0.0007 Lux

Clearly different from conventional PTZ, this dome, with built-in Super DSP system can see the object very clear at even a starless dark night. In addition the built-in Dynamic Noise Reduction (DNR) removes noises and ghost effect to have the picture quality greatly improved. It also saves the DVR's recording capacity up to 70%.



Normal PTZ.

VPD100

## Privacy zone masking

When the unit is observing a wide area, the captured image can be masked for privacy purposes. Users can easily configure the size and position of the required privacy zones.



## Sens-up function

The Sens-up function allows the camera can display the bright image even in extreme darkness.



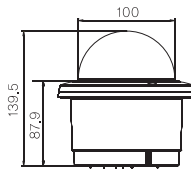
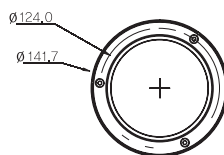
2x

60x

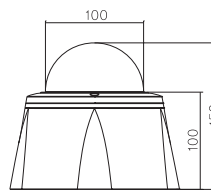
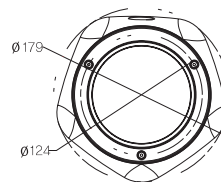
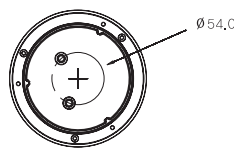
128x

MODEL	VPD100
Image sensor	1/4" Sony Super HAD CCD
Effective Pixels	NTSC : 768(H) x 494(V) PAL : 752(H) x 582(V)
Scanning system	NTSC : 525Line PAL : 625Line 2 : 1 interlaced
Frequency	NTSC : 15.734KHz(H), 59.94Hz(V), PAL : 15.625KHz, 50Hz(V)
H.Resolution	520TV Line(Color) / 570 TV Line(B/W)
Video output	VBS : 1.0Vp-p, 75Ω composite
Min. illumination	0.0007Lux / F1.8 (Sens-up)
Day & Night	Color / BW / AUTO (ICR)
Gain Control	Low / Middle / High / Off
White Balance	AWC / Manual / ATW (1,800°K-10,500°K)
Shutter Speed	Auto / Manual (NTSC : 1/60-1/120,000sec. PAL : 1/50-120,000sec.)
Sens-up	On / Off (2x ~128x)
OSD	Built-in
Motion detection	On / Off (Built-in alarm output terminal)
Protocol	RS-485 (PELCO-D,P)
DNR	Low / Middle / High / Off
Zoom ratio	10x, f3.8-38mm
Angle of view	Horizontal : 51.2° (Wide) / 5.58° (Tele) Vertical : 39.3° (Wide) / 4.27° (Tele)
Digital zoom	Built-in (x2, x4, x8)
Preset	64
Privacy	On / Off(4 Programmable zone)
Pan/Tilt angle	360° (240°/sec.) / 0° ~ 90° (240°/sec.)
Operating Temperature	14°F ~122°F (-10°C ~ +50°C)
Power source	12VDC/3A
Power Consumption	6W (max.)
Measurement (mm)	179(Ø) x 150(H)
Weight (Approx.g)	2,000

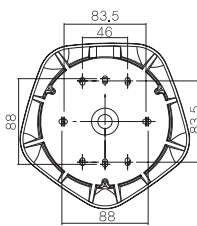
## Dimension



Flush Mount



Surface Mount



## ACCESSORY

Outdoor housing



VPD100DC

Wall mount



VHM-370PM

Pendant mount



VHM-370PM

Coner mount



VHM-370COR

Pole mount



VHM-370PO

Parapet mount



VHM-370PAR