

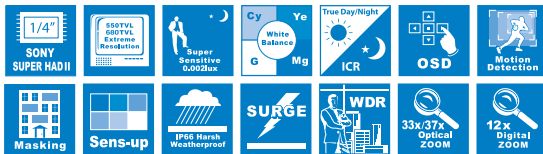


### Product Information

The VPD370WD is a high performance 37x Speed Dome Camera.

This Dome incorporates the latest technology, using a newly developed belt drive system. This provides quieter operation, yet longer life than gear driven domes. The improved mechanical design allows high speed Auto Focus and zoom control, and accurate start/stop movement during presets and tours for precise, repeatable viewing.

Advanced DSP allows Super WDR, for 128x Wide dynamic range scenes with a high resolution of 550TVL color. Light sensitivity is exceptional, with 0.7 lux in color mode, and ICR provides IR enhanced visibility during night time with up to 680TVL resolution.



### Key Features

- 1/4" Color vertical Double Density CCD
- True Day/Night (ICR)
- Extremely high sensitivity of 0.7 Lux in color mode
- Optical 37x Zoom (3.5mm~129.5mm)
- 360° continuous rotation. (Max. 500°/sec)
- 128x Presets and versatile auto functions
- 128x WDR
- Digital 12x Zoom, Auto-Flip
- 8x Privacy zones
- 4x Alarm Inputs /2x outputs
- RS-485 interface (PELCO-D, P)
- Intelligent Precision Mechanism
- Advanced 3D filtering Digital Noise reduction

### Dynamic and precise AF control

With up to 444x combined zoom and fast auto focus, tracking a fast moving object is easy with the VPD series PTZ.



### Super Wide Dynamic Range (sWDR)

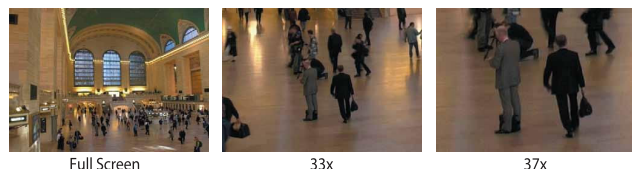
The powerful WD series DSP provides 128 times greater dynamic range than regular Backlight Compensation (BLC) circuits. No more washout or objects disappearing in shadows!



### High resolution of 550TVL(D)/680TVL(N)

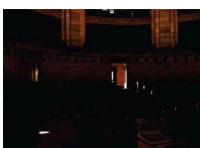


### Powerful 37x optical zoom



### Automatic IR Cut Filter (ICR) for optimal clarity

Advanced ICR utilizes a blue IR cut filter in daytime, and automatically switches to an IR focus compensation filter at night. This provides exceptional color accuracy in the day, increased sensitivity at night in razor sharp focus.



Regular Camera at night  
Negligible IR sensitivity



WD Series PTZ  
Scenes are perfectly viewable with little ambient IR or assisted by IR lighting

### Increased sensitivity up to 0.002 Lux

Native light sensitivity is very good, and the WD DSP increases sensitivity with Sens-Up during low light. In addition, the 3D Digital Noise Reduction minimizes the associated noise and ghost effect, enhancing overall image quality. Less noise improves DVR efficiency, extending recording time.



Normal PTZ.  
Noisy with smearing



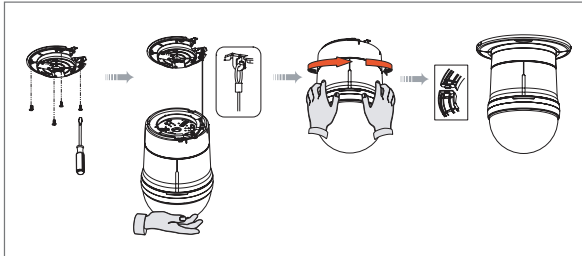
WD series PTZ  
Noise and ghost minimized

# VPD370WD

## Wide Dynamic Range 37x Zoom Speed Dome Camera

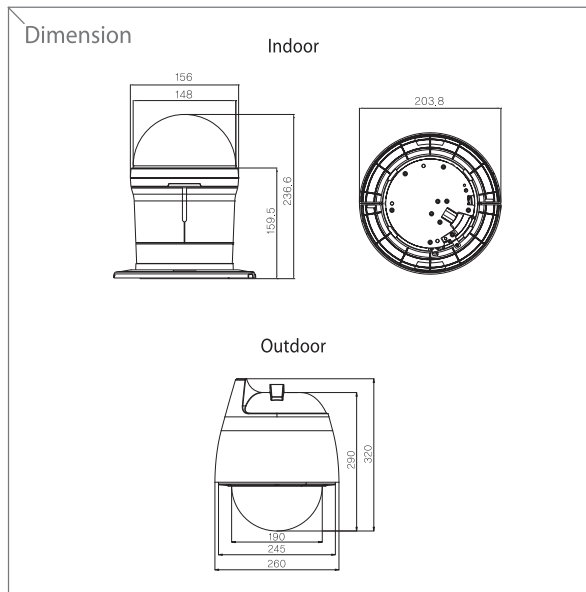
### Quick and Easy installation

Dome base is separable and easily mounted on the ceiling first and the main body is simply twisted on by hand. Complicated cable connection is avoided with the integrated connection mechanism.








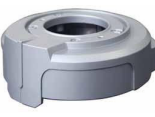

### Easy-to-use OSD Menu

The On-screen display allows easy selection of feature options and settings



MODEL	VPD370WD
Image sensor	1/4" Sony Double Scan
Effective Pixels	NTSC : 768(H) x 494(V) PAL : 752(H) x 582(V)
H.Resolution	550 TV Lines (Day) / 680 TV Lines (Night)
Synchronizing system	Internal
Scanning system	2:1 Interlaced
Video output	1.0Vp-p Composite. 75 Ohms
S/N ratio	More than 50 dB (AGC Off)
Min. illumination	0.7 Lux at F1.6 (Color), 0.002 Lux (Sens-up, 256x) 0.06 Lux at F1.6 (B/W)
OSD	On / Off
Digital zoom	On / Off (2x, 4x, 8x, 10x, 12x)
S/N Ratio	50dB (AGC Off, Weight On)
Day & Night	Color / B/W / Auto (ICR)
Back Light Compensation	WDR / BLC / HLC / Off
Shutter Speed	Auto / Manual (NTSC : 1/60 ~ 1/120,000sec., PAL : 1/50 ~ 1/120,000sec.)
White Balance	AWC / Manual / ATW (1,800°K ~ 10,500°K)
Gain Control	Low / Middle / High / Off
Sens-up	On / Off (2x ~256x)
SSNR	Low / Middle / High / Off
Privacy	On / Off (8 programmable zones)
Preset	256 points
Digital Flip	On / Off
Focus control	Auto / Manual / One push
Iris control	Auto / Manual
Motion detection	On / Off (Built-in alarm output connector)
Protocol	RS-485 interface (Pelco-D, P)
Power source	24VAC
Operating current	20W Max.
Lens	Auto Focus Digital zoom
Zoom ratio	37x : f3.5~129.5mm (F1.6)
Angle of view	37x - H : 55.5(Wide) ~ 1.59(Tele), V : 42.5(Wide) ~ 1.19(Tele)
Aperture ratio	37x - F.1.6 ~ F.3.9
Pan/Tilt angle	Pan : 360 ° (500° / sec) / Tilt : -3 ° ~ 180° (500° / sec)
Operating Temperature	14°F ~122°F (-10°C ~ +50°C)
Heater option(Outdoor)	-40°F ~122°F (-40°C ~ +50°C)
Humidity	Within 90% RH
Measurement (mm)	156(Ø)x 236.6(H)
Weight (Approx.g)	3,500 (Indoor) / 5,500 (Outdoor)

### ACCESSORY

<p>Wall mount</p>  <p>VHM-370WM</p>	<p>Pendant mount</p>  <p>VHM-370PM</p>	<p>Corner mount</p>  <p>VHM-370COR</p>	<p>Pole mount</p>  <p>VHM-370PO</p>	<p>Outdoor housing</p>  <p>VPD370-OH</p>
<p>Indoor adapter</p>  <p>VHM-370WA</p>	<p>In-ceiling Mount</p>  <p>VHM-370IC</p>			

Analog Camera

Illuminator

DVR

IP Camera

Accessories