

# OMNI-PLUS™

*Seeing is believing - Always in Focus all the time  
Intelligent Motion Detection*



Most CCTV lenses are vari-focal and only have a single plane of focus. Objects in front or behind the focal point appear blurred. Our cameras use the latest Digital Watchdog OMNI Focus 3x omni-focus lenses with excellent depth of field so that all objects near and far remain in focus.



# D2382TIR / V1382TIR / B2382TIR

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## OMNI Focus Lens with 3X motorized Zoom

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## Intelligent Exposure Compensation (IEC)

When a room containing bright lights is imaged, auto-exposure calculations usually result in images that are mostly underexposed except for the lights. With Intelligent Exposure Compensation, very bright lights are masked from the exposure calculation producing results that have a higher dynamic range of intensities.



## Intensity Falloff Compensation (IFC)

CCTV lenses produce a non-uniform intensity across the field of view of the camera. With the automatic non-uniformity correction feature turned on, the camera normalizes for the radiometric falloff towards the edge of the image. As a result, the imagery has a uniform illumination over the entire field of view.



## Dynamic Range Compression (DRC)

The camera's integrated DSP extends the dynamic range of the image by automatically adjusting the darker areas of scenes that also have bright areas. Unlike traditional BLC that adjusts the image as a whole, the DSP selects and processes many small regions for optimum dynamic range scaling.







## Privacy Zone Masks

When privacy is a concern, monitoring can be masked in certain zones within the scene. The user can define up to 4 rectangular exclusion zones of arbitrary size per camera where data is not recorded.



## Easy to Use Icon Driven OSD Menu

The Icon Driven Menus are the first of their kind providing easy navigation through various options, adjustments and settings. This Pioneer Technology alleviates time wasted jumping from one screen back to another in order to make adjustments.



## IR Remote Programming

Each Omni-Focus camera can be completely programmed from our wireless IR Remote Control. All on screen programming can be achieved up to 80' (line of site) away from the camera reducing installation time. This feature results in quicker installation time thus reducing your installation cost in the field. (Remote Controller sold separately)



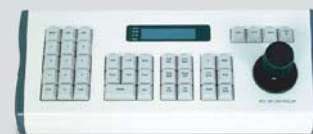
## Intelligent Motion Detection

By splitting the field of view into 64 areas, movement within the picture can be analyzed to detect surveillance targets. When movement is detected in a targeted area the camera captures the object at zoom magnifications of up to x3.0.



## RS485 Set-Up and Programming

Up to 256 units can be daisy chained together for quick installation and programming from most standard PTZ control keyboards.



## Advanced Features

- 70 feet range IR with Intelligent Camera Sync
- Line Lock Function
- Secondary Video-BNC Output for Easy Installation
- No Fog or Condensation under any weather conditions (B2382TIR)
- True Day and Night (IR cut filter)
- RS 485 communication built in (only D2382TIR, V1382TIR)
- External OSD Controller provides easy access
- 3D gimbal for Easy Control (360° Pan, 90° Tilt)



# D2382TIR / V1382TIR / B2382TIR



<b>Model</b>		<b>D2382TIR / V1382TIR / B2382TIR</b>
<b>Image Sensor</b>		1/3" Super HAD II CCD
<b>Number of Pixels</b>		811(H) x 508 (V), 411K Pixels
<b>Pixels-Effective</b>		768(H) x 494(V)
<b>Scanning System</b>		NTSC 525 lines, 2:1 interlace
<b>Horizontal Resolution</b>		540 TV Lines [Color], 580 TV Lines [B/W]
<b>Minimum Illumination</b>		IR LED on 0.0 Lux
<b>IR Distance</b>		70 feet range
<b>Video Out</b>		VBS 1.0Vp-p(75 ohm Load)
<b>Video S/N Ratio</b>		50dB or higher(AGC off)
<b>Lens</b>	<b>Varifocal</b>	Omni-Focus Lens [2.9 ~ 8.5mm]
	<b>Zoom</b>	Motorized Zoom x3
<b>Shutter Speed</b>		1/60s up to 1/100,000s
<b>Gamma</b>		0.45
<b>Synchronizing System</b>		Internal & External Line Lock
<b>OSD</b>	<b>IEC</b>	ON/OFF set level 0~80
	<b>IFC</b>	ON/OFF set level 0~50
	<b>DRC</b>	ON/OFF
	<b>BLC</b>	BLC : ON/OFF (Area Setting)
	<b>Day &amp; Night</b>	Auto-Color-B/W EX_CONT
	<b>AGC</b>	ON/OFF (Gain Adjust)
	<b>AWB</b>	ATW / AWB / Fixed / Manual
	<b>Mirror</b>	ON/OFF
<b>Motion Detection</b>		ON/OFF [64 Area / Sensitivity]
<b>Privacy Zone</b>		4 Programmable Zone / Size
<b>Operating Temperature</b>		-10°C ~ +55°C (14°F ~ 131°F)
<b>Storage Temperature</b>		-20°C ~ +75°C
<b>Humidity</b>		Less than 90%
<b>Power Requirement</b>		12VDC / 24VAC (60Hz)
<b>Power Consumption</b>		DC12 [V]: 126[mA] (18IR ON: 385[mA])
<b>Dimensions [Indoor]</b>		134.9 x 110.3mm
<b>Dimensions [Vandal dome]</b>		145 x 109.6mm
<b>Dimensions [Bullet camera]</b>		85.4 x 217.5mm
<b>Nema Type</b>		IP66 (V1382TIR, B2382TIR)
<b>Weight (approx.)</b>		D2382TIR[1.3lbs], V1382TIR[2.4lbs], B2382TIR[2.5 lbs]
<b>Certification</b>		CE, FCC, RoHS

**D2383TIR**



**V1382TIR**



**B2382TIR**



## Accessories

**DWC-V1WM**

**DWC-V1CM**



**DWC-IRRMT-OMNI 2**



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