

# VTD-VD4MZ39

Virtuoso Series 4 MegaPixel Multi-Format Auto Focus WDR Vandal Dome Camera [preliminary specs]



VITEKCCTV.COM  
(888) VITEK-70

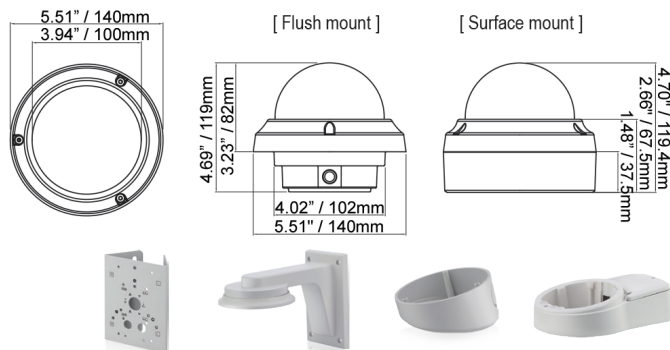
**Virtuoso**  
COAX



## KEY FEATURES

- 1/2.9" 6.64 MegaPixel Sony STARVIS® CMOS Sensor
- 4 MegaPixel High Definition Coax Based Camera (2560x1440px@30/25fps)
- Built-in 2 High Power IR LEDs with 100' IR Range
- Outstanding Low Light Performance with SONY STARVIS® Sensor
- 1500' HD-Analog Transmission (Dependent on Cable Characteristics and Integrity)
- Premium 4MP Multi-format Video Output, Digital: EX-SDI 1.0/2.0/2.1 (4MP / 2MP / 1.3MP), HD-SDI (2MP/1.3MP) HD-Analog: TVI Mode (4MP / 2MP / 1.3MP) , AHD Mode (4MP/2MP) SD-Analog: CVBS Test Monitor Out
- F= 3.2~9mm Motorized Zoom Lens with Auto Focus
- Automatically Removable IR Cut Filter by Dual Filter Switch
- True WDR (Wide Dynamic Range) @30/25fps
- 120dB Dynamic Range with DOL(Digital OverLap) WDR @30/25fps
- ROI (Region of Interest) WDR @30/25fps
- Improved Noise Reduction with XD-NR
- DIS (Digital Image Stabilization) Function
- POI Zoom (Point Of Interest), Smart Motion Zoom, Preset Zoom, Home Position
- Privacy Mask, Defog, Sens-up(~x32), D-WDR, BLC/HLC, Mirror/Flip, Flickerless, Brightness, Smart IR, Lens Initialize, Title Set, Color D/N
- High Performance at Low Light Sensitivity (Sens-up On)
- Variety of Resolution : 1440p/1080p/720p w/out loss of FOV (Field of View)
- OSD Menu for Easy Installation and Maintenance
- Circuit Protection Protects Against Faulty Connection in Power Polarity
- Isolated Power Supply Protects Against Ground Loop Problem
- COC Control Through HD-TVI (Pelco-C®) or AHD
- LED Auto/Off Control
- Flush & Surface Mount Included (Optional: Various Adaptors, See Below)
- Double Sided Anti-Scratch Hard Coated Clear Bubble Dome
- IP-68 Weather Resistance Rating / IK10 Impact Rating
- 12VDC, 24VAC Operation

## DIMENSIONS



VT-MV/PLMT  
Pole mount adaptor

VT-MV/WMT  
Wall mount bracket

VT-MV/TB  
Tilted dome adaptor

VT-MV/JMT  
Tilted Junction mount adaptor

## SPECIFICATIONS

Imaging Sensor	1/2.9" 6.64 MegaPixel Sony STARVIS® CMOS Sensor
Effective Pixels	2560(H) x 1440(V)
Scan Frequency	30Hz(V), 22.5KHz(H) Progressive
Video Format	2560x1440p @25/30fps, 1920x1080p @25/30fps, 1280x720p @25/30fps NTSC / PAL (16:9)
Video Output	Digital: EX-SDI 1.0/ 2.0/ 2.1, HD-SDI HD-Analog: TVI mode, AHD mode SD-Analog: CVBS Test Monitor Out
Synchronization	Internal
Min. Illumination	Color: 0.1 Lux, B/W: 0006 Lux (@40IRE, LED Off)
S/N Ratio	More than 50dB (AGC Off)
Lens	F= 3.2~9mm, 3x Auto focus zoom lens (Optical 3x, Digital 12x)
IR LEDs	2 x 850nm High Power IR LEDs
IR Range	100
Focus	Auto / Zoom Push / Manual
Day/Night	TDN by Dual Filter Switch EXT / AUTO / COLOR / B&W / COLOR DN
White Balance	AUTO / AUTOext / MANUAL / PRESET
WDR	True WDR by Dual Scan Images at 30fps/25fps
DOL WDR	120dB Dynamic Range with Digital Overlap by Triple Scan Images at 30/25fps
ROI WDR	Yes
DNR	XD-DNR (2D-DNR / 3D-DNR)
Image Orientation	Mirror / Flip / Rotate / Normal
Special Features	POI(Point Of Interest) Zoom, Smart Motion Zoom, Preset Zoom, Home Position
Functions	D-WDR, Privacy Mask(Box, Polygon), D-Zoom, Sens-up (~x32), Defog, Mirror/Flip, BLC/HLC, Title Set, Brightness, Flickerless, Les Initialize, LED Auto/Off control
Remote Control	COC by HD-TVI (Pelco-C®) or AHD
OSD Language	English, Korean, Japanese, Chinese, German
Installation Temp.	-4°F ~ 122°F (-20°C ~ +50°C) / Humidity : 20%RH ~ 80%RH
Operating Temp.	-58°F ~ 122°F (-50°C ~ +50°C) / Humidity : 20%RH ~ 80%RH
Pwr Input	AC24V/DC12V
Pwr Consump.	12VDC, 24VAC 390 (IR Off) / 770 (IR On), 780 (IR Off) / 1540 (IR On)
Power Features	Circuit protection against faulty connection in power polarity, and isolated power supply protects against ground loop problem
Ingress Protection	IP68
Impact Rating	IK10
Housing	Aluminum Cast, Flush and Surface Mount, 3-Axis Gimabl, Double Sided Anti-Scratch Hard Coated Clear Bubble
Dimensions	5.51" W x 4.69" H x 3.94" Diameter (140 x 119 x 100mm)
Weight	2.2lbs (1kg)

\*Sony STARVIS® is a registered trademark of Sony, an independently owned and operated company. This product has not been licensed or endorsed by Sony®.

