



Over/Under Exposure & Poor Color Quality



Proper Exposure & High Color Accuracy

FEATURES

- Sony® 1/2.8" Progressive Scan CMOS Sensor
- 2.1 MegaPixel with Full 1080p/720p TVI Output
- MegaPixel IR Corrected 2.8-12 or 5-50mm Varifocal Auto Iris Lens with External Adjustments for Focus and Zoom
- 40 Dynamic Infrared LEDs at 850nm enable viewing in total darkness up to 150 feet
- Dual Glass Compartments to Eliminate IR Reflection
- Smart Motion Zoom tracks motion, then intelligently zooms into that area of the frame
- 3D-DNR Digital Noise Reduction
- CVBS Output by BNC
- True Day/Night by ICR - Dual Filter Switch
- Fully programmable True WDR (Dual Scan)
- Secondary Video Output & OSD Control Joystick are accessible inside a gasket sealed removable side panel
- Advanced OSD Functions: NORMAL, WDR, D-WDR, 3DNR, Dynamic IR, Motion Detection, Privacy Mask, D-Zoom(~8x), Sens-up(x32), Flickerless, BLC/HLC, Defog, Pixel Defect Compensation, Title Set, LSC, Deblur
- 3-Axis mount with Simple One Turn Positioning Lock for Ease of Installation
- IP-68 Rated Water Resistance
- 12VDC / 24VAC Dual Voltage Operation



3-Axis mount with Simple One Turn Positioning Lock for Ease of Installation



Secondary Video Output & OSD Control Joystick are accessible inside a gasket sealed removable side panel



Externally Adjustable Zoom & Focus Controls

**PREMIUM
HD-TVI**

Detailed Specifications	VTC-IRT40-2812	VTC-IRT40-550
Imaging Sensor	1/2.8" Sony Exmor Progressive Scan CMOS Sensor	
Video Output	HD-TVI by BNC - CVBS by BNC	
Resolution	2.1 MegaPixel (1080p / 720p)	
Effective Pixels	1920(H) x 1080(V) x 30p	
S/N Ratio	More than 50dB (AGC Off)	
Sensitivity	0.0009 Lux @ (LED Off, AGC 12, DSS x2) / 0 Lux with IR On	
Lens Type	MegaPixel IR Corrected 2.8-12mm Varifocal	MegaPixel IR Corrected 5-50mm Varifocal
Smart Motion Zoom	YES	
IR Illuminators	40 850nm IR LEDs	
IR Range	Over 150 Feet	
Dynamic Intensity Smart IR LEDs	YES	
DAY / NIGHT	TDN by dual filter switch	
White Balance	ATW / ATWext / One Push / Manual	
WDR	True WDR (Dual Scan)	
DNR	3D-DNR	
Advanced OSD Features	NORMAL, WDR, D-WDR, 3DNR, Dynamic IR, Motion Detection, Privacy Mask, D-Zoom(~8x), Sens-up(x32), Flickerless, BLC/HLC, Defog, Pixel Defect Compensation, Title Set, LSC, Deblur	
Remote Control	UTC by HD-TVI DVR(Pelco-C)	
Weather Resistance Rating	IP-68	
Operating Conditions	-22°-122°F (-30°-50°C) < 80% RH	
Input Voltage	12VDC / 24VAC (Dual Voltage)	
Power Consumption (12VDC)	190mA (IR Off) / 510mA (IR On)	
Power Consumption (24VAC)	190mA (IR Off) / 400mA (IR On)	
Weight	2.98 Lbs. (1.35kg)	
Dimensions (W x H x L)	4.35" x 4.33" x 10.11" (110.5 x 110 x 256.7mm)	

