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Advanced Starlight Technology offers dramatically higher sensitivity to light, producing color images in very dark & night scenes.







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

FEATURES

- 1/2.8" Sony® STARVIS 2.1 MegaPixel CMOS Sensor
- 2.1 MegaPixel with Full 1080p/720p HD/EX-SDI 1.0, 2.0 / TVI / AHD / CVI / CVBS Output
- Advanced Starlight Technology Offers Dramatically Higher Sensitivity to Light Producing Color Images in Very Dark & Night Scenes
- 5 MegaPixel IR Corrected 2.8~12mm or 5~50mm Motorized Varifocal Lens with 1 click focus for easy Configuration
- 40 Dynamic Infrared LEDs at 850nm enable viewing in total darkness up to 150 feet
- Dual Glass Compartments to Eliminate IR Reflection
- 3D-DNR Digital Noise Reduction
- True Day/Night by ICR Dual Filter Switch
- Fully programmable True WDR (Dual Scan)
- ROI (Region of Interest) WDR achieves superior exposure compensation specifically in exact areas of interest while reducing HDD storage space
- Secondary Video Output & OSD Control Joystick are accessible inside a gasket sealed removable side panel
- Advanced OSD Functions: Motion Detection, Privacy Mask, Defog, Sens-up(~x32), Sharpness, Mirror/Flip, BLC/HLC, Deblur, Anti-Saturation, Title Set, D-WDR
- 3-Axis mount with Simple One Turn Positioning Lock for Ease of Installation
- IP-68 Rated Water Resistance
- 12VDC / 24VAC Dual Voltage Operation





Detailed Specifications	VTC-IRM40-2812	VTC-IRM40-550
Imaging Sensor	1/2.8" Sony® STARVIS 2.1 MegaPixel CMOS Sensor	
Effective Pixels	1920(H) x 1080(V) x 30p	
Scan Frequency	30Hz(V), 22.5Khz(H) Progressive	
Video Format	HD: 16:9, 1080p@30fps / CVBS: 16:9 (NTSC)	
Video Output	HD/EX-SDI 1.0, 2.0 / TVI / AHD / CVI / CVBS	
Video Resolution	2.1 MegaPixel 1080p (1920x1080)	
Min.Illumination	Color: 0.08 Lux (LED Off), B/W: 0.005 Lux (LED Off)	
S/N Ratio	More than 50dB (AGC Off)	
Lens	5 MegaPixel 2.8~12mm @ F1.4 Motorized Varifocal	5 MegaPixel 5 \sim 50mm @ F1.6 Motorized Varifocal
Exposure	Brightness / Shutter / Sens-up / AGC	
Dynamic Intensity IR LEDs	Built-in 40pcs x 850nm IR-LED	
IR Range	150'	
DAY / NIGHT	TDN by Dual Filter Switch, EXTERN / AUTO / COLOR / B&W	
White Balance	AUTO / AUTOext / PRESET / MANUAL	
WDR	True Dual Scan WDR	
ROI (Region of Interest) WDR	Yes	
DNR	3D-NR	
MIRROR/FLIP	Off / On	
Functions	Motion Detection, Privacy Mask, Defog, Sens-up(~x32), Sharpness, Mirror/Flip, BLC/HLC, Deblur, Anti-Saturation, Title Set, D-WDR	
Remote Control	CoC (Control over COAX) via DVR HD-TVI / AHD	
Operating Power	12VDC / 24VAC (Dual Voltage)	
Weather Resistance	IP68	
Operating Temp.	-22° ~ 122°F (-30° ~ +50°C) @ 20-80% RH	
Weight	2.98lbs (1.35kg)	
Dimension (WxHxD)	4.35" x 4.33" x 10.11" (1	10.5 x 110 x 256.7mm)



























