



TVE-442H3

4MP HD Hybrid WDR IR VP Dome Camera

Key Features

- 1/2.8" 5MP Sony STARVIS CMOS Sensor
- 4MP QHD Resolution(AHD/TVI)
- 2.7~12mm Motorized Varifocal Lens
- True WDR(HD, CVBS)
- Day & Night(IR Cut Filter)
- HD & CVBS Video Out(2 BNC)
- 3DNR(Digital Noise Reduction)
- Sens-up(~x32)
- Smart IR(28 IR LEDs)
- Dual Power Input(24VAC, 12VDC)
- IP66

Technical Specifications

Model	TVE-442H3	
POWER		
Power Source	AC24V/DC12V±10%	
Power Consumption	Max. 7.2Watts(600mA)	
GENERAL		
Image Sensor	1/2.8" 5M Sony CMOS	
Total Pixels	2704(H)x2104(V)	
Active Pixels	2608(H)x1960(V)	
Scanning System	Progressive	
Sync. System	Internal	
Video Frame Rate	2560x1440p@30fps ; 2560x1440p@25fps	
CVBS Resolution	700TVL	
Min. Illumination	More Than 0.03Lux(Color), 0Lux(BW, IR LED On)	
Video Output		
	BNC1(HD-A/HD-T) BNC2(CVBS)	
IR	IR LED	28EA IR LED(850nm)
	Distance	30m
S/N ratio	More Than 52dB(AGC Off)	
Camera Control	OSD(Joystick Switch, Coaxial Communication)	
FUNCTION		
Lens		
	ALC(DC) / ELC(Manual)	
Exposure	Shutter	Auto, FLK, Manual(1/30(25)~1/30,000)
	AGC	0~10
	Sens-Up	Off/x2, x4, x8, x16, x32
	Brightness	0~20
Backlight		
	Off/HLC/BLC/WDR	
White Balance		
	Auto/AUTOext/Preset/Manual	
Day & Night		
	Auto/Color/B&W/Ext	
DNR		
	Off/Low/Middle/High	
Image	Color Gain	0~20
	Sharpness	0~10
	Gamma	0.45/0.55/0.65/0.75
	Mirror	Off/On
	Flip	Off/On
	DWDR	Off/Low/Middle/High
	Defog	Off/On(Manual/Auto)
	Privacy Masking	Off/On(Box 16 Zone, Polygon 8 Zone)
Motion		
	Off/On(4 Zone)	
Frame Rate	1440p 30(25)fps / 1080p 30(25)fps	
Frequency	60Hz / 50Hz	
Save & Exit	Exit(Auto Save)	
CONNECTOR & ETC		
Power Input	Terminal Block	
Video Output	BNC1(HD-T/HD-A), BNC2(CVBS)	
Transmission Distance	Over 500m Via 5C-2V Coaxial Cable	
Lens Mount	Fixed Mount	
Lens	2 Motor, f=2.7~12mm F1.6~2.9 Varifocal, ICR(D&N)	
Operating Temperature	-10~+50°C (14~122°F)	
Operating Humidity	0~96%(Non-Condensing)	
External Dimension	Ø144x98mm	
Weight	750g	
Ingress Protection	IP66	

Specifications are subject to change without notice.

Key Functions

- HD(AHD/TVI Selectable) & CVBS Multi Output
- HD(AHD/TVI) & CVBS Support True WDR
- High Speed, Long Distance Real Time Transmission
- NTSC/PAL Selectable
- Defog
- HSBLC(Highlight Suppression BLC)
- Motion Detection
- Privacy Masking(Box, Polygon)
- Coaxial Communication

Optional Accessory

- HDB243(Wall Mount)
- HVPWB2(Wall/Ceiling Mount)
- HVPCB2(Ceiling Mount)
- HDA501(Junction Box)

Dimension

