



Feature

- 1/3" SONY CCD
- High resolution
- Mini. Illumination of 0Lux@F1.2
- 2D- NR, AWB, AGC, BLC, HLC
- Powerful OSD operational function
- Smart IR Control
- 2.8~12MM 2.0 Mega Pixel Manual Varifocal Lens

Model NO.	QH-V231SNH-4
VIDEO	
Image Device	1/3" Sony Super HAD CCD II
TV System	PAL/NTSC
Total Pixels	PAL:1020(H)*596(V) ; NTSC:1020(H) x 508(V)
Effective Pixels	PAL:976(H) x 582(V) ; NTSC:976(H)*494(V)
Scanning System	2:1 Interlace
Synchronization	Internal
Horizontal Resolution	700TVL
Min. Illumination	0 Lux(IR ON)
S/N Ratio	>50dB
Video Output	1Vp-p,75ohm, BNC
LENS	
Focal Length	2.8~12MM 2.0 Mega Pixel Manual Varifocal Lens
Regular Field of View	MAX: D: 108° 30'/H: 93° 57'/V: 83° 4'
OPERATIONAL	
Day & Night	AUTO /COLOR /B/W /EXT1/ EXT2
D/N delay	0~255s Adjustable
Backlight	BLC/HLC/OFF
Auto Gain Control	Adjustable
White Balance	ATW / PUSH / USER1 / USER2 / ANTI CR/ MANUAL / PUSH LOCK
Electronic Shutter Speed	PAL:1/50 ~ 1/10,000sec; NTSC:1/60 ~ 1/10,000sec
ATR (Adaptive Tone Reproduction)	ON/OFF
Noise Reduction	2D-DNR (Y/C, Y, C, OFF)
Brightness	0~255 Adjustable
Contrast	0~255 Adjustable
Sharpness	0~255 Adjustable
Hue	0~255 Adjustable
Mirror	Horizontal mirror, ON/OFF
Motion Detection	ON/OFF; (4 Zones)
Block Display	ON/OFF

Privacy Mask	ON/OFF; (8 Zones)
Mirror	ON/OFF
Camera ID	ON/OFF
Menu Language	8 Languages
Exposure control for IR light	Auto
Infrared LED	24EA
IR Distance	20~30 Meters
IR-CUT	Support
Infrared Spectrum	850nm
ENVIRONMENTAL	
Operation Temperature	-30℃ ~ +60℃
Storage Temperature	-20℃ ~ +60℃
Water-proof Casing	IP66/ Vandalproof Casing
ELECTRICAL	
Input Voltage/Current	DC 12V 400mA
Adapter Requirement	DC 12V or AC 24V / AC 12V optional
MECHANICAL	
Color	White
Dimensions	123*154*154mm
Net Weight	1000g/pcs