



**Features:**

- \* 1/3" Sony 2.4 MP CMOS Sensor (IMX323)
- \* AHD/TVI/CVI 1080P Video & CVBS Video
- \* Multi-Language OSD Setup Menu
- \* Programmable ES & Auto White Balance
- \* 2.8-12mm Megapixel Lens
- \* UTC Function
- \* 24\* IR-LEDs Array / 850nm
- \* 40-50 Meter IR Distance
- \* DC 12V Power
- \* IP66 Aluminum Construction

Model	MB-816VH
Pick-Up Element	1/3" SONY 2.4 Megapixel Exmor CMOS Sensor (IMX323)
DSP	NextChip 2441H
Picture Element	1984 (H) x 1225 (V)
Video Standard	NTSC / PAL
Resolution	AHD 1080P - 1920(H)*1080(V)@30/25 fps
Frequency	NTSC 59.94 Hz. ; PAL 50 Hz
Optical Filter	With IR-Cut Filter Removable (ICR) Design
Synchronization	Internal
Scanning System	Progressive Scan
Min. Illumination	0.1 Lux @F1.2 (LED ON 0Lux)
S/N Ratio	More Than 55 dB (AGC OFF)
WDR Range	D-WDR On / OFF
OSD Menu	Multi-Languages OSD Setup Menu
Camera ID	ON / OFF
Day/Night Mode	Ext / Auto / Color / B&W
Sense Up	OFF / Auto (X2-X30)
Electronic Shutter	Auto / Manual : 1/50 (60) – 1/50,000 sec. / x2 – x 30 / FLK
White Balance	ATW / AWB / AWC / Indoor / Outdoor / MANUAL
Gain Control	Adjustable Auto Gain Control
Backlight Compensation	OFF / BLC / HSBLC
Digital Noise Reduction	3D DNR / 2D DNR
Mask & Privacy	OFF / ON (4 Mask Areas)
Motion Detection	OFF / ON (4 Areas)
Defog	OFF / Auto
Sharpness Adjustment	OFF / Auto
Brightness Adjustment	Adjustable Brightness
Transmission Distance	300/500 Meter over RG59 or RG6U Coaxial Cable
Twisted Cable Distance	Max. 300 Meter
Water Resistance	IP66
Video Output	AHD/TVI/CVI 1080P Video & Analog Composite Video
Lens	2.8-12mm Megapixel Lens
Operating Temperature	-10 - +50 degree / RH 85% or Less
Power	DC 12V ± 10%
Dimension	85.43mm (Dia.) x 194.52mm (L)
Weight	1200 Gram
IR-LED	12 x IR-LED Array ; Lifetime: 10,000 Hours
IR-LED Wavelength	850 nm
Construction	Aluminum
IR Coverage Distance	40-50 Meter
IR-LED Activation	3.0 / 3.7 Lux