



SPECIFICATION	
Model NO.	BMSDKL800WH
Camera	
Image Sensor	1/2.8" SONY Starvis Back-illuminated CMOS sensor
Resolution	8MP
Effective Pixels	3864(H)*2192(V)
Compression	H.264/H.265/H.264+/H.265+/JPEG/AVI
Audio Compression	G711A/U,AAC
TV System	PAL/NTSC
Electronic Shutter Time	Auto: 1/3-1/100000Sec
Minimun Illumination	Color: 0.02 lux@F1.6, 0 Lux with white light
S/N Ratio	60dB
Scanning System	Progressive
Video Output	Network
Reset Button	Optional
Lens	
Focal Length & FOV	2.8 mm, horizontal FOV 96°, vertical FOV 52°, diagonal FOV 114° 4 mm, horizontal FOV 84°, vertical FOV 48°, diagonal FOV 97° 6 mm, horizontal FOV 53°, vertical FOV 30°, diagonal FOV 60°
Lens Type	Fixed focal lens, 2.8, 4, and 6 mm optional
Focus Control	Fixed
Aperture	F1.6
Pixels	8MP
Night Vision	
Supplement Light	Support Warm light LED 4000K, up to 25m
Supplement Light Distance	N/A
Supplement Light Status	Auto Control
Supplement Light Power On	Smart, Manual & Timed mode
Network	
Ethernet	RJ-45 (10/100Base-T)
Wireless	N/A
Protocol	TCP/IP,IPv4/v6, ICMP, HTTP, HTTPS, FTP, DHCP, DNS, DDNS, RTP, RTSP, PPPoE, NTP, SMTP, UDP, SNMP,Qos,802.1x
ONVIF	Support ONVIF 19.12(Profile S/T/G)
P2P	YES
POE	Internal, Support IEEE 802.3af
Video Delay	0.3S (Within the Lan)
Main Stream 1	3840*2160@20fps

Main Stream 2	2560*1440@20fps	
Main Stream 3	1920*1080@20fps 1280*720@20fps	
Sub Stream 1	1280*720@20fps	
Sub Stream 2	720*480@20fps	
Sub Stream 3	N/A	
Tri Stream	N/A	
IE Brower	IE8-11, Google Chrome, Firefox , Mac Safari	
Smart Phone	iPhone, Android	
Al Function		
Intelligent Analysis	Intrusion Detetion(based on human and Vehicle Detection), Line Cross Detetion(based on human and Vehicle Detection), Loiter Detetion(based on human detection), People Gather Detecion(based on human detection), Motion detection based on human detection, Enter Area(based on human and Vehicle Detection), Leave Area(based on human and vehicle Detection)	
Camera Features		
Day/Night	Color	
Image Config	Saturation/Brightness/Contrast /Sharpness, Mirror, 3D NR , White Balance, Anti Flicker, Video Tampering, HLC	
Full Color	Support	
Corridor Pattern	Support	
Defog Mode	N/A	
ROI	Support	
BLC	Support	
WDR	Support	
Motion Detection	Support(support enable the detection based on human movement only)	
Privacy Masking	3 Rectangular Zone	
Recording Mode	NVR/CMS/Web	
Language	Chinese Simplified, Chinese Traditional, English, Russian, Korean, Polish, French, Japanese, Spanish, Portuguese, Italian, Hebrew, Ukrainian, Arabic, Vietnamese, Thai, Hungarian	
Interface		
Audio	Optional 1 Built-in MIC	
Alarm	N/A	
SD Card Slot	Optional Internal, Support Max 1TB	
RS485	N/A	
General		
Housing	Front Cover: Metal, Back Cover: Plastic ,IP67	
Anti-cut Bracket	NO	
IR Cut Filter	YES	
Operation Temperature	-20°C ~ +60°C RH95% Max	
Storage Temperature	-20°C ~ +60°C RH95% Max	
Power Source	DC12V±10%, 1000mA	
Dimension	176.6(W) x 67(H) x 69.8(D)mm	

370g

Weight