

MD2812HD

HD Network Infrared Mini Dome

MD2812HD series cameras are designed for indoor and outdoor applications with intelligent design. It is equipped with HD sensor module.

With ultra sensitive CMOS sensors using various zoom ratio optical modules, images with the highest picture qualities are possible.

MD2812HD series cameras will provide stability and high performance to set the industry's standard for HD IP cameras.



ONVIF

Key Features

High Definition Picture Quality : 1080P、720P

Ultra Wide Angle Variable Focus Lens : Auto Zoom 3x, Manual Zoom 2.8-12mm (can supply according to specific requirements)

Temperature Control System : Operating Temperature -40°C to +60°C

Various New Selection : Intelligent Infrared Illumination, Auto Day Night Transition, Image Stabilizer, WDR

Various Video Analytics : Motion Tracking, Object Left Behind, Traffic Violations, Auto Tracking, Counting, Illegal Line Crossing

9:16 Corridor Aspect Ratio for Double Effective Application Monitoring

High Precision Mechanical Design



High Quality Optical Material
Spherical Uniform Wall Thickness

High Definition Optical Material. Mold uses Electrical Spark process that allows the whole sphere of uniform wall thickness. This is so that camera image acquisition will be of highest resolution.



Hardened Metal Alloy Casing suitable for extreme weather conditions. Supplied with fixed zoom Infrared lights. Camera can be used in low light 0 lux conditions up to 50 meters with high resolution picture quality



Camera uses Quick Installation Design Concept. This will improve installation process both in speed and capability.

Image Enhancement Functions






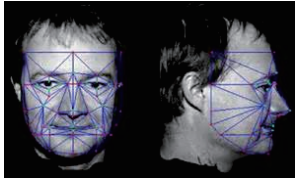



<p>Normal HD Effect</p> 	→	<p>Improved Picture Effects</p> 	<p>Normal WDR</p> 	→	<p>Super WDR</p> 
<p>Target Obejct Loss Object Left Behind</p> 	<p>Facial Recognition</p> 	<p>16:9</p> 	<p>9:16</p> 		
	<p>Intelligent Infrared Illumination : Infrared illumination distance up to 50 Meters</p>		<p>9:16 corridor aspect ratio for double effective application monitoring</p>		
<p>Day Night Switching Function : IR-Cut</p>					

Image Stabilizer Function: Under slight moving conditions of the camera, this function will stabilize picture for quality recording of video.

Camera Specification

Image Sensor	1/2.8" CMOS 2MP	1/2.8" CMOS 3.2MP
Lens	Manual 2.8~12mm、 7 ~ 22mm (Selectable)	3X (f=3~9mm)
Aperature	F1.6	F1.2~2.1
Horizontal Angle of View	-	1080P 90°
Min. Illumination	0.02 lux	0.25lux (F1.2 ICR Close) 0.03(F1.2 ICR Open)
Shutter Speed	1/6~1/8000s	1/1~1/10000s
Resolution	1080P30、 1080P25、 720P60、 720P50	
Focus	Manual	
White Balance	Auto、 Manual	
Exposure	Auto、 Manual	
Day/Night	Support	
BLC	Support	
WDR	Support	
Digital Noise Reduction	2D/3D	
S/N Ratio	≥50db	

Mechanical Specification

PTZ	Manual PTZ : Horizontal355°; Vertical 90°
Environmental	IP66
Infrared	Infrared illumination distance up to 50 Meters
Operating Temperature	-40 ℃ to +60 ℃
Operating Humidity	<80%
Power Input	12VDC (POE: Optional)
Power Consumption	<15W
Dimension	Φ145×121mm
Weight	1KG

IP Specification

Video Compression	MJPEG, H.264 High Profile
Frame Rate	1080P (1920*1080) MAX:30 FPS、 720P(1280*720) MAX:30 FPS、 D1(720*576) MAX:25 FPS
Protocols	IPv4、 IGMP、 ICMP、 ARP、 TCP、 UDP、 DHCP、 PPPoE、 RTP、 RTSP、 QoS、 DNS、 DDNS、 NTP、 FTP、 UPnP、 HTTP、 SNMP、 SIP、 GB/T28181、 ONVIF IP Auto Adaptations, Effective monitoring even under data loss environment
Multi-stream	3 data stream function will satisfy various bandwidth, frame rates and storage requirements in real time
Audio Compression	AAC-LC Broadband Audio Encoding,
Special Function	UNP Technique, resolve Private Network NAT throughput, support movement testing, audio testing, various intelligent functions
OSD	Customized OSD, Support Side Hook and Artistic Font
Storage	Support 32GB Local Storage (Optional)

HD-SDI Signal and Control

HD-SDI	Signal Fluctuations 800mv +/-10% (external cable extension requirements 75-5, 128 twisted pair shielding , coaxial cable)
Signal Format	1080P30、 1080P25、 1080i60、 1080i50、 720P60、 720P50、 720P30、 720P25
Control Protocol	-

Ordering Information

BLC-MD2812HD-N	BLC-MD2812HD-IR-N	BLC-MD03HD-N	(IP Signal)
BLC-MD03HD-S			(SDI Signal)

Installation Diagram

