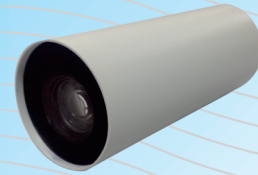


## EX2812HD HD IP Infrared Bullet Camera

EX2812HD 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.

EX2812HD series cameras will provide quality and stability to set the industry's standard for high performance 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

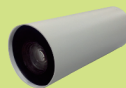
**9:16 Corridor Aspect Ratio for Effective Application Monitoring**

### High Precision Mechanical Design



High Definition Optical Glass  
Double Sided Coating  
External Coating for Water Resistance

High Definition Optical Glass from Switzerland complete with Double Sided Coating prevents water seepage and increases light penetration of up to an additional +5%. This optical glass is also dust and water moisture resistant.



Hardened Metal Alloy Casing is 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

Normal HD Effect



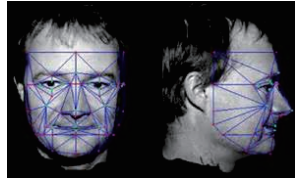
Improved Picture Effects



Target Obejct Loss  
Object Left Behind



Facial Recognition



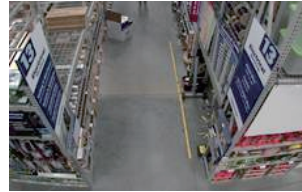
Normal WDR



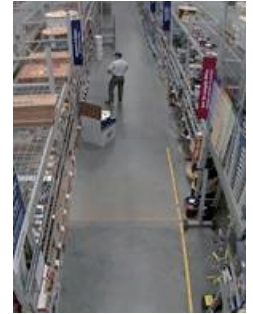
Super WDR



16:9



9:16



9:16 corridor aspect ratio for double effective application monitoring



Intelligent Infrared Illumination : Infrared illumination distance up to 50 Meters

Day Night Switching Function : IR-cut

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 3.27MP
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	0.25 lux (F1.2 ICR Close) 0.03 lux (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

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	Φ80×210mm
Weight	0.75KG

## 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、OVIF IP Auto Adaptation, 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-EX2812HD-N    BLC-EX2812HD-IR-N    BLC-EX03HD-N    (IP Signal)  
 BLC-EX03HD-S    (SDI Signal)

## Installation Diagram

