Waterproof IR Bullet IP Camera ZNO-6010 HD-TR Series Specifications

This specification applies to ZNO-6010 HD-TR /(-W)

1.Basic Description

ZNO-6010 HD-TR series based on IP network,achieve network digital surveillance,transmit clear, smooth video surveillance images.

ZNO-6010 HD-TR series use 1/3" Progressive Scan CMOS and advanced H.264 codec,Effective Pixels :1920*1080,Excellent low light performanc.Use 3D smart noise reduction function,In the low-light environment, reduce noise,ensure the edge of the moving object clear.Supports dual

streaming, Transmit high-quality H.264 video in the low-bandwidth network environment smooth , also supports MJPEG compression；Built-in fixed aperture zoom lens；support day/night auto converting；dual IR-Cut filter,even in low light environment or even black can output a clear picture. 4 IR LEDs,IR distance 50m.Support audio, alarm function, provide third-party systems integration interface.

This series of products using the waterproof design and removable shell,not only provides excellent waterproof and dustproof performance, but also easy installation and removal, suitable for indoor / outdoor environment.

The series of products applicable for safe city, traffic, factories , finance, parks and other places,It is a good choice that upgrade from analog surveillance to network digital surveillance

With video surveillance system software platform, can realize different network

environments of large-scale network surveillance.

3.Expand Type

Basic Type: ZNO-6010 HD-TR

WIFI Type: ZNO-6010 HD-TR -W

4.Key Features

◆ Max resolution:1920×1080, output Real-time　Full HD 1080P image

◆ 1/3" Progressive Scan CMOS,Capture motion　images without　jagged

◆ Excellent low light performanc,Min.Illumination: 0.001Lux@(F1.2　)

◆ 3D smart noise reduction function

◆ Support　Color/BW mode converting (dual IR-Cut filter)

◆ Built-in fixed aperture zoom lens,Focal Length :2.8-12mm

◆ 4 IR LEDs,IR distance 50m

◆ H.264/MJEG is optional, dual streaming, low bandwidth, and high quality.

◆ Support　two-way talking

◆ Support Micro SDHC card storage,SD2.0 standard,maximum storage 32G

◆ Support 4 areas privacy mask

◆ Support motion detection, network fault detection and alarm video, image snapping

◆ Built-in Web server enables the use of a standard Web browser for viewing and management.

◆ Support ONVIF protocol

5.Applications Scenarios

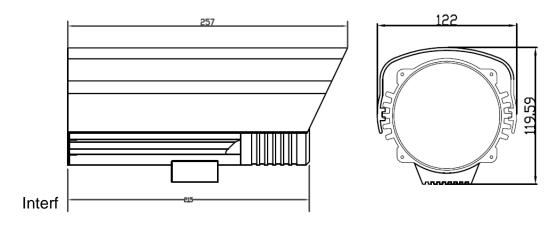Applicable for safe city, traffic, factories , finance, parks and other places.
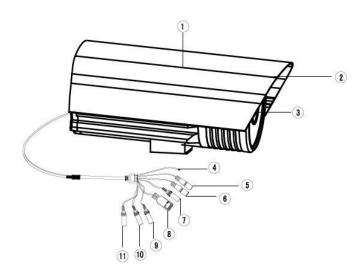
6.Technical parameters

Model	ZNO-6010 HD-TR

Hardware		
Network chip	Lan	Realtek 10/100M BASE-TX Self-adapting
Sensor		1/3"　Progressive Scan CMOS
Effective Pixels		1920(H)×1080(V)
Min.Illumination		Color Mode:0.1Lux@F1.2 ;B/W Mode:0Lux@(F1.2 IR ON)
S/N		≥50db(AGC OFF)
Day/night		Auto,with ICR
IR Parameters		4 IR LEDs,IR distance 50m
Auto Electronic Shutter		1/25—1/100000sec,Slow shutter:1/2,1/4,1/8,1/12
Interfaces		
Optical lens	Interfaces	Φ14
	Lens	Fixed Iris
	Focal Length	5-15mm
Audio Talkback		1 channel MIC input, External access, 3.5 mm audio interface
Audio Output		1 channel linear output, 3.5 mm audio interface
Storage Interface		Micro SDHC card supports video storage and image snapping; SD2.0 standard,maximum storage 32G
Network Interface	Lan	10/100M BASE-TX,RJ-45 connector
I/O		1-channel input, Normally Open/Normally Close modes adjustable; 1-channel output, 120VAC 1A/24VDC 1A,1 RS485　interface
Audio video encoding		
Video Compression		H.264 Main Profile； MJPEG/JPEG Baseline
Resolution	Master Streaming	1920*1080,1-25(30)fps/sec 1280*960,1-25(30)fps/sec 1280*720,1-25(30)fps/sec
	Second Streaming	640*480,1-25fps/sec 320*240,1-25fps/sec 160*112,1-25fps/sec
Video Bitrate		32Kbps～16Mbps,Supports CBR/VBR
Title OSD		Supports channel name, date, and video stream information overlay;OSD location is adjustable
Audio Compression		G.711, G.726,support 32 K stereo
Data transmission and storage		

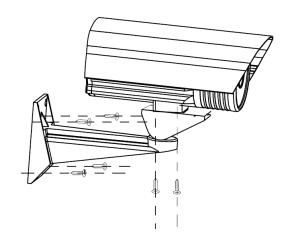| Data storage	Video and Image
Recording	Recording set up to record by motion trigger,alarm trigger, manual, or schedule
Alarm Output	FTP,E-mail, Explorer, Software
Network protocol	TCP/IP,UDP,RTP,RTSP,RTCP,HTTP,DNS,DDNS,DHCP,FTP,NTP,PPPOE,SMTP,UPNP
Wireless protocols(-W)	802.11b/g,Supports WEP,WPA,WPA2("-w" model supports)
ONVIF protocol	Support
Remote View	Computer	IE 6.0 or up, max 10user
	Mobile Phone	Windows Mobile,Symbian,iPhone
General Parameters		
Operating Temperature	-10℃- +55℃	
Operating Humidity	0% - 90%	
Power	DC12V	
Power Consumption	15W(MAX)	
Dimension	257(L) *122(W)*120(H)mm	
Weight	1.8KG	

7.Dimension Drawing:

Interf

1. SCREW HOLE*2
2. SUNSHADE
3. FRONT COVER
4. RESET
5. ALARM OUTA+/ALARM OUTB-
6. ALARM IN+/GND-
7. RS485+/RS485-
8. RJ45
9. AUDIO IN
10. AUDIO OUT
11. DC 12V INPUT

8.Installation Guide

Bracket Installation

Lens adjustment

开ON   关OFF

调焦螺丝
LENS SCREW