ZENIT security systems



ZND-4080 RF Ordering Information:

ZND-4080 RF HD IP Fixed Dome Camera (1/3"CMOS, 2.0M, 15fps, UXGA, 0.5Lux, 0LUX with IR, WiFi)

ZND-4080 RF HD IP Fixed Dome Camera

Key Features:

- 1/3" Progressive Scan CMOS sensor.
- Support 1600*1200(15fps), 1280*960(25fps), 1280*720(25fps) high definition.
- Support Color/BW mode converting (partial cameras support).
- Built-in 6/8/12mm fixed focus lens is optional.
- 18 infrared LED light, the distance up to 12 meters ("-IR" model supports).
- H.264/MJEG is optional, dual streaming, low bandwidth, and high quality.
- Support AWB, natual color, clear image.
- Build in 1 channel audio input and audio output ports, support realtime audio capture and two-way talking.
- Built-in SD card slot, support SDHC card.
- Built-in Wireless WiFi module ("-w" model supports).
- Support protocals:
 RTSP,RTP,HTTP,TCP/IP,UDP,SMTP,PPPoE,DDNS,DNS,SNTP,DH
 CP,FTP.
- Support 802.11b/g/n Wireless protocols supports
 WEP,WPA,WPA2("-w" model supports).
- Alarm recording: video lost, motion detection and sensor alarm.
- Support pravicy zone mask (max 4 individal mask zone).
- Built-in Web server enables the use of a standard Web browser for viewing and management.

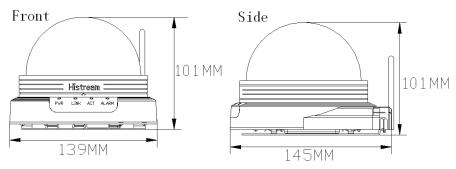
Specifications:

Video Compression	ecificatio	115:				
CPU	Model		ZND-4080 RF series	ZND-4080 RF		
Network	Туре		HD IP Fixed Dome Camera			
Network CAN Realiek 10/100M BASE-TX Ralink 2.4GHz 802.11b/g("-w" model supports)	CPU		ARM9,32 bit RISC			
Network WiFi	SoC Chip		HISILICON Hi3512			
Sensor Mode	Nativada	LAN	Realtek 10/100M BASE-TX			
Effective Pixels 1600(H)x1200(V) Color Mode: 0.5Lux@F1.2 EAW Mode: 0.	Network	WiFi	Ralink 2.4GHz 802.11b/g("-w" model supports)			
Color Mode: 0.5Lux@F1.2 BW Mode: 0.1Lux@F1.2 BW Mode: 0.1Lux@	Sensor Mod	el	1/3" Progressive Scan CMOS sensor, 2.0M			
Min. liumination	Effective Pix	els	1600(H)×1200(V)			
S/N	Min.Illumination		Color Mode:0.5Lux@F1.2			
Control AWC/ATW. AGC. BLC Auto Electrolic Shutter 1/50(1/60)—1/10000sec Telephone Fixed Iris Control Fixed Iris Fixed Iris Fixed Iris Fixed Iris Monitor distance 1 channel MIC input. External access Audio Output 1 channel MIC input. External access Audio Output 1 channel MIC input. External access Audio Output 1 channel linear output Storage Interface SDHC card supports video storage and image snapping; SD2.0 standard,maximum storage 32G Network LAN 10/100M BASE-TX,RJ-45 connector Interface WiFi ANT connector,antenna gain 2db,maximum wireless distance can be 100 meters ("-w" model supports) I/O Interface Video Correction H.264 Main Profile, MJPEG/JPEG Baseline Master Streaming 1600*1200,1-15(ps/sec; 1280*960,1-25(ps/sec; 1280*720,1-25(ps/sec) Video Bitrate 32Kbps~16Mbps, Supports CBR/VBR Title OSD <td>IR Paramete</td> <td>ers</td> <td colspan="3">18 IR LEDs,IR distance 12m("-IR" model supports)</td>	IR Paramete	ers	18 IR LEDs,IR distance 12m("-IR" model supports)			
Auto Electronic Shutter	S/N		≥48db(AGC OFF,Weight On)			
Interfaces CS Lens Fixed Iris Focal Length Monitor distance Tokannel MIC input. External access Audio Output 1 channel MIC input. External access LAN 10/100M BASE-TX,RJ-45 connector Interfaces MIC and interface MIC	Control		AWC/ATW、AGC、BLC			
Lens	Auto Electro	nic Shutter	1/50(1/60)—1/10000sec			
Pocal Length		Interfaces				
Length Monitor distance Committee Monitor distance Committee Committee Monitor distance Committee Committee Committee Committee Monitor distance Committee Monitor distance Monit		Lens	Fixed Iris			
distance (6mm:5-10m;8mm:10-20m;12mm:20-30m) Audio Talkback	. '		6mm fixed iris lens,Optional 8mm/12mm			
Audio Output 1 channel linear output 2 SDHC card supports video storage and image snapping; SD2.0 standard,maximum storage 32G Network			(6mm:5-10m;8mm:10-20m;12mm:20-30m)			
SDHC card supports video storage and image snapping; SD2.0 standard,maximum storage 32G	Audio Talkback		1 channel MIC input, External access			
Network Interface LAN	Audio Output		1 channel linear output			
Interface WiFi ANT connector,antenna gain 2db,maximum wireless distance can be 100 meters ("-w" model supports) 1-channel input, Normally Open/Normally Close modes adjustable; 1-channel output, 120VAC 1A/24VDC RS485 interface Video Compression H.264 Main Profile, MJPEG/JPEG Baseline Master Streaming Second Streaming Video Bitrate 32Kbps~16Mbps,Supports CBR/VBR Title OSD Supports channel name, date, and video stream information overlay;OSD location is adjustable Audio Compression Q.726, G.711 Data storage Recording Recording set up to record by motion trigger, alarm trigger, manual, or schedule Alarm Output E-mail, Explorer, Software Network protocol TCP/IP, UDP, RTP, RTSP, RTCP, HTTP, DNS, DDNS, DHCP, FTP, NTP, PPPOE, SMTP, UM Wireless protocols Supports WEP,WPA,WPA2("-w" model supports)	Storage Inte	rface	SDHC card supports video storage and image snapping; SD2.0 standard,maximum storage 32G			
1-channel input, Normally Open/Normally Close modes adjustable; 1-channel output, 120VAC 1A/24VDC RS485 interface Video Compression	Network	LAN	10/100M BASE-TX,RJ-45 connector			
Video Compression H.264 Main Profile, MJPEG/JPEG Baseline Resolution Resolution Resolution Resolution Resolution Resolution Second Streaming Second Streaming 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.726、G.711 Data storage Video and image Recording Recording set up to record by motion trigger, alarm trigger, manual, or schedule Alarm Output E-mail, Explorer, Software Network protocol TCP/IP、UDP、RTP、RTSP、RTCP、HTTP、DNS、DDNS、DHCP、FTP、NTP、PPPOE、SMTP、UVICE Supports WEP,WPA,WPA2("-w" model supports) Supports 40, 2005.	Interface WiFi ANT connector,antenna gain 2		ANT connector,antenna gain 2db,maximu	um wireless distance can be 100 meters ("-w" model supports)		
Resolution Resolution Resolution Second Streaming Second Streaming 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.726、G.711 Data storage Recording Recording Recording set up to record by motion trigger, alarm trigger, manual, or schedule Alarm Output E-mail, Explorer, Software Network protocol TCP/IP、UDP、RTP、RTSP、RTCP、HTTP、DNS、DDNS、DHCP、FTP、NTP、PPPOE、SMTP、UVIceless protocols Support 802.11b/g Wireless protocols supports WEP,WPA,WPA2("-w" model supports)	I/O Interface		1-channel input, Normally Open/Normally Close modes adjustable; 1-channel output, 120VAC 1A/24VDC 1A,1 RS485 interface			
Resolution Streaming Second Streaming Second Streaming 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.726、G.711 Data storage Recording Recording Recording set up to record by motion trigger, alarm trigger, manual, or schedule Alarm Output E-mail, Explorer, Software Network protocol TCP/IP、UDP、RTP、RTSP、RTCP、HTTP、DNS、DDNS、DHCP、FTP、NTP、PPPOE、SMTP、UVICE Supports 802.11b/g Wireless protocols、supports WEP,WPA,WPA2("-w" model supports)	Video Compression		H.264 Main Profile, MJPEG/JPEG Baseline			
Second Streaming 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.726、G.711 Data storage Video and image Recording Recording set up to record by motion trigger, alarm trigger, manual, or schedule Alarm Output E-mail, Explorer, Software Network protocol TCP/IP、UDP、RTP、RTSP、RTCP、HTTP、DNS、DDNS、DHCP、FTP、NTP、PPPOE、SMTP、UVICEUS protocols Support 802.11b/g Wireless protocols supports WEP,WPA,WPA2("-w" model supports)	Danakitan		1600*1200,1-15fps/sec; 1280*960,1-25fps/sec; 1280*720,1-25fps/sec			
Title OSD Supports channel name, date, and video stream information overlay; OSD location is adjustable Audio Compression G.726、G.711 Data storage video and image Recording Recording set up to record by motion trigger, alarm trigger, manual, or schedule Alarm Output E-mail, Explorer, Software Network protocol TCP/IP、UDP、RTP、RTSP、RTCP、HTTP、DNS、DDNS、DHCP、FTP、NTP、PPPOE、SMTP、UVireless protocols Support 802.11b/g Wireless protocols、supports WEP,WPA,WPA2("-w" model supports)	Resolution		640*352,1-25fps/sec; 320*176,1-25fps/sec; 160*120,1-25fps/sec			
Audio Compression G.726、G.711 Data storage Recording Recording set up to record by motion trigger, alarm trigger, manual, or schedule Alarm Output E-mail, Explorer, Software Network protocol TCP/IP、UDP、RTP、RTSP、RTCP、HTTP、DNS、DDNS、DHCP、FTP、NTP、PPPOE、SMTP、UVireless protocols Support 802.11b/g Wireless protocols、supports WEP,WPA,WPA2("-w" model supports)	Video Bitrate		32Kbps~16Mbps,Supports CBR/VBR			
Data storage video and image Recording Recording set up to record by motion trigger, alarm trigger, manual, or schedule Alarm Output E-mail, Explorer, Software Network protocol TCP/IP、UDP、RTP、RTSP、RTCP、HTTP、DNS、DDNS、DHCP、FTP、NTP、PPPOE、SMTP、UVireless protocols Support 802.11b/g Wireless protocols、supports WEP,WPA,WPA2("-w" model supports)	Title OSD		Supports channel name, date, and video stream information overlay;OSD location is adjustable			
Recording Recording set up to record by motion trigger, alarm trigger, manual, or schedule Alarm Output E-mail, Explorer, Software Network protocol TCP/IP、UDP、RTP、RTSP、RTCP、HTTP、DNS、DDNS、DHCP、FTP、NTP、PPPOE、SMTP、Users Support 802.11b/g Wireless protocols supports WEP,WPA,WPA2("-w" model supports)	Audio Compression		G.726、G.711			
Alarm Output E-mail, Explorer, Software Network protocol TCP/IP、UDP、RTP、RTSP、RTCP、HTTP、DNS、DDNS、DHCP、FTP、NTP、PPPOE、SMTP、UVireless protocols Support 802.11b/g Wireless protocols、supports WEP,WPA,WPA2("-w" model supports)	Data storage		video and image			
Network protocol TCP/IP、UDP、RTP、RTSP、RTCP、HTTP、DNS、DDNS、DHCP、FTP、NTP、PPPOE、SMTP、U Wireless protocols Support 802.11b/g Wireless protocols、supports WEP,WPA,WPA2("-w" model supports)	Recording		Recording set up to record by motion trigger, alarm trigger, manual, or schedule			
Wireless protocols Support 802.11b/g Wireless protocols supports WEP,WPA,WPA2("-w" model supports)	Alarm Output		E-mail, Explorer, Software			
Computer IF 6.0 or up may 10 year	Network protocol		TCP/IP、UDP、RTP、RTSP、RTCP、HTTP、DNS、DDNS、DHCP、FTP、NTP、PPPOE、SMTP、UPNP			
Remote Computer IE 6.0 or up, max 10 user	Wireless protocols		Support 802.11b/g Wireless protocols supports WEP,WPA,WPA2("-w" model supports)			
	Remote Computer IE 6.0 or up, max 10 user					
View Mobile Windows Mobile Symbian iPhone	View					

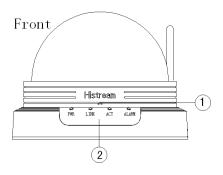
1	1	ZND-4080 RF HD IP Fixed Dome Camera
	Phone	ZND-4000 KF HD IF FIXED DOINE Calliera
Operating T	emperature	-10°C-+55°C
Operating Humidity		0% - 90%
Power		DC12V
Power Consumption		7W(MAX)
Dimension		139mm * 145mm * 101mm
Weight		0.46KG

Dimensions And Interfaces:

Dimensions:



Interfaces:



- ① Built-in microphone
- ② State indicator
 - ① Wireless interface, ANT connector
 - ② MINI USB interface (undefined)
 - 3 DC12V Input
 - Wideo out, BNC connector(undefined)
 - S Ethernet interface, RJ45 network connector
 - ⑥ I/O interface
 - ② Audio in interface, MIC connector
 - AUDIO Switch
 - Audio out interface, RCA connector
 - Reset button

 - SDHC card slot
 - WiFi antenna



1	1A: ALARM Output	4	GND: ALARM Input GND
2	1B: ALARM Output	5	R: RS232 control input +(undefined)
3	IN: ALARM Input	6	T: RS232 control input –(undefined)

