



SHENZHEN RISE ELECTRONIC CO., LTD.

Website: <http://www.ideacamera.com> Email: cctv@ideacamera.com

Global Sources Homepage Address: <http://www.globalsources.com/ideacamera.co>



**2MP H.265 4G Waterproof IP Camera, LTE TDD 4G,4G
Wireless Network Transmission, 1080P@30fps, Tri-Stream,
Manniu App, Lightning Connect, One Key Setting Into 4G,
ONVIF 2.6, P2P.**

Model: WIP-90BA4-2MP-4G-LTE TDD

Key features:

1/2.7" CMOS sensor (OV2735), DSP (MC316DC).

Maximum resolution 1920*1080P@30fps.



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4pcs Array LEDs, 50M IR Distance.

White Metal body with strong bracket.

Built-in 2pcs efficient antenna.

3MP 3.6mm HD Fixed Lens (6, 8, 12mm optional)

Standard 38mm*38mm size, convenient and fast for assembling machine.

Support IR_CUT (IR cut filter with auto switch).

4G wireless remote monitoring, support for the three mobile operators 4G SIM card.

Support Tri-Stream technology.

Support one channel audio input; one channel audio output; support two-way voice speaking.

Support one channel alarm input; one channel alarm output.

Support Micro SD/SDHC/SDXC card, the maximum up to 128G.

Support SMART IR, P2P and cross-browser access.

Mobile APP Name: Manniu

Device Power In (DC 12V 2A)

4G Frequency range:

Europe: LTE FDD: B1/B3/B5/B7/B8/B20 LTE TDD: B38/B40/B41 WCDMA: B1/B5/B8

USA: LTEFDD: B2/B4/B5/B7/B8/B12/B17 LTE TDD: B38/B40/B41 WCDMA: B2/B4/B5/B8

China: LTE FDD: B1/B3/B5/B8 LTE TDD: B34/B38/B39/B40/B41 WCDMA: B1/B5/B8

Product Advantages:

Offer 2-years product warranties.

Logistics convenient.

OEM/ODM.

CCC/CE/FCC Certified.

Strict product quality control.

Efficiently working with almost NVR.

Lower price.

6-8 working day per order.

Product applications:

This is the best product of safety field. It and hard disk video recorders、cable、power supply、display、etc. Constitute a complete security system. Tts application is more extensive. Such as homes、factories、highways、office building、garden、community, or a large public places, etc.

Specifications:



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2MP 4G Economical Double-Boards IP Camera Module		
Product model	WIP-90BA4-2MP-4G-LTE TDD	
System Structure	DSP	Embedded RTOS, DSP(MC316DC)
	Sensor	1/2.7" CMOS sensor(OV2735)
Video Encoding	Video Encoding	H.265 Main Profile H.264 High Profile/ Main Profile/ BaseLine Profile
	Maximum Image Output	Main stream: 1920*1080@25/30fps; Auxiliary stream one and two can optional
	Video Bite rate	1MKbps~3MKbps
Image Enhancement	Min. illumination	Color <u>0.1Lux@F1.2</u> (AGC ON); black and white <u>0.01Lux@F1.2</u> (AGC ON)
	Electronic shutter	Auto (1/25 to 1/10000)
	Day/Night switch	Auto/color/B&W (Built-in IR_CUT)
	DNR	2D and 3D DNR
	WDR	Support digital wide dynamic and REAL wide dynamic
	Video Adjust	Sharpness, Brightness, Saturation, Contrast Adjustable
Interfaces	Signal interface	one photosensitive resistance signal interface, one IR_CUT drive interface support photo resistance signal links to IR-CUT and IR light
	Smart IR	One port
	ICR driving voltage	5V
	Reset interface	One port
	Audio interface	One audio in; One audio out
	Alarm interface	One alarm in ;One alarm out
	TF card interface	Support Micro SD/SDHC/SDXC card
	Power interface	One DC12V power input
4G Functions	AP Processor	ARM V7 CPU, Main frequency: 1GHz
	SIM Card	Support Micro USIM/Micro SIM card
	Network transmission	Mobile/Unicom 3G/4G; telecom 4G
	LTE	LTE Category 4 Maximum downlink rate: 150Mbps, Maximum uplink rate: 50Mbps
	WCDMA	Support HSPA Release 7 Down 21Mbps, Up 5.76 Mbps WCDMA Up and down 384Kbps



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	Antenna interface	The module has two antenna interfaces: the main set antenna interface ANT_MAIN
		Diversity antenna interface ANT_DIV
	Frequency range	Europe MA20-EU : LTE FDD:B1/B3/B5/B7/B8/B20 LTE TDD:B38/B40/B41 WCDMA:B1/B5/B8 USA MA20-AM : LTEFDD:B2/B4/B5/B7/B8/B12/B17 LTE TDD: B38/B40/B41 WCDMA:B2/B4/B5/B8 China MA20-CHN : LTE FDD:B1/B3/B5/B8 LTE TDD:B34/B38/B39/B40/B41 WCDMA:B1/B5/B8
Functions	Motion detection	Multiple detection zones, variable sensitivity levels
	Capture function	JPEG , capture resolution is the max coding resolution
	Security	Password protection and water marker
	OSD	Support Channel Name and Time
	Smart function	Perimeter Intrusion Detection
	Smart alarm	Network abnormal, cover alarm etc.
	Mobile client	VSS MOBILE for both iPhone and Android system phone
	Protocol support	TCP/IP; UDP; HTTP; IGMP ; ICMP; DHCP; RTP/RTSP; DNS; DDNS; FTP; NTP; PPPOE; UPNP; SMTP; SNMP
General	Interface protocol	ONVIF/CGI
	Power Supply	DC12V±20%
	Power Consumption	4W (without infrared lamp board)
	Lightning Protection	Power , network, POE all lightning protection, meets with standard GB/T17626.5, and IEC61000-4-5
	Size	38*38 (mm) single Board