



Smart Bridge Information Inc.

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Specification

Product Model	8301S-RF
Sensor	1.0 Mega Pixels CMOS Sensor Active Pixel Array: 1280*720
Microphone	Omni-directional; -38+/-3dB
I/O Connector	12V DC-in, Audio jack, micro SD slot, Antenna Connector
Storage	micro SD slot Supports Micro SDXC Card, class 6 or above, up to 128GB
Power Consumption	Input: 100-240VAC, 50/60Hz ,0.3A Output: 5VDC, 1A
IoT Feature	<ol style="list-style-type: none"> 1. Support IoT 2.4Ghz RF technology. 2. RF modulation: GFSK 3. RF Bandwidth: 250Kbps 4. Support 8 channel for frequency hopping. 5. Support AES256-Like encryption/decryption for data security in RF. 6. Low power for TX and RX. 7. Support pairing method for each devices. 8. Support SBI RF Ext_mode. <ol style="list-style-type: none"> 8.1 Support each type sensor /device with 8 devices.. 8.2 Support RF ext mode device with 8 devices. 9. Support Battery low alarm for battery device.
Pan and Tile	H: 270° V: 120°
Chipset Model	Realtek WLAN Chip Wi-Fi 802.11n (Build-in)
Interface	USB 2.0 interface
Speed of Data Rate	Up to 150Mbps high -speed wireless net connections
Standard	802.11b/g/n (802.11n as suggestion)
Frequency Range and channels	Operates in 2.4 GHz frequency ISM bands

Transmission	1TX, 1RX
Operation mode	<ul style="list-style-type: none"> · WiFi AP Mode (Factory default) · WiFi Client mode
Security	Supports WEP, TKIP, AES, WPA and WPA2
Protocol	<ul style="list-style-type: none"> · Support DHCP/ manual setup for network IP address. · Support TCP/IP, UDP, HTTP, RTSP, RTP, P2P. · Support FTP and Email for event data access.
Video Compress Codec	<ol style="list-style-type: none"> 1. Encoder: H.264 2. Decoder: H.264, MJPEG
Resolution	HD720p/VGA/QVGA
Frame Rate	(P2P Stream) 1~30 fps
Motion Detection	Supported, user can get alarm message via APPS of smartphone
Audio Compress Codec	P2P: Speex 19Kbps
* Function of P2P	<ol style="list-style-type: none"> 1. Point to Point (P2P) connection without complex setting. 2. Use mobile phone to monitor IP Camera at home or outside. 3. Client or device will automatically connect to the most suitable server which with lower loading or less delay. 4. P2P Technology for no IP Setting. 5. Support P2P to transmit QVGA H.264 5~30fps. Getting a good and smooth image quality.
Software Security	Login authentication : Default Admin ID/PW : admin/admin
Working Temperature	0 ~ 45°C
Storage Temperature	-20 ~ +100°C





