

Smart Cam



WiFi camera with IoT (Internet of Things) on 2.4Ghz RF

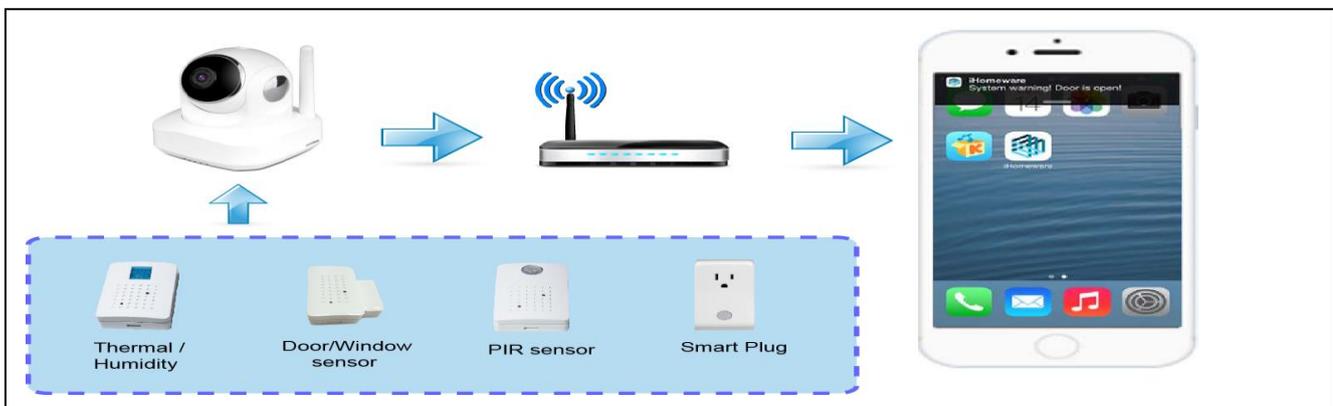
Maximize camera utility on M2M

More live view on security

More intelligent life @ home

Feature

- A portable, easy-to-install, DIY system suitable for home appliance
- The wireless sensors are an ultra-low power design, and the batteries in most devices will last more than 1 year. Mobile phone notifications remind the user to change the battery when it is low
- Fully compliant with 2.4Ghz RF technique protocols as well as with many international smart home systems
- Smart Security System is extensible to support many other smart devices, including smart lighting, smart switches, and smart outlets



Specification

Camera Model	HC8301B
RF Feature	Integrate 2.4Ghz RF technique with RF Gateway feature, ZRF frequency: 2.4Ghz. Channels : 6 Max TX power: 6dBm Sensitivity : -97dBm
Sensor	1.0 Mega Pixels CMOS Sensor Active Pixel Array: 1280*720
Microphone	Omni-directional; -38+/-3dB
I/O Connector	5V DC-in, Audio jack, micro SD slot, Antenna Connector
Storage	micro SD slot Supports Micro SDHC Card, class 6 or above, up to 32GB
Power Consumption	Input: 100-240VAC, 50/60Hz ,0.3A Output: 5VDC, 2A
Pan and Tile	H:270deg, V:120deg
Chipset Model	Realtek WLAN Chip Wi-Fi 802.11n (Build-in)
Speed of Data Rate	Up to 150Mbps high -speed wireless net connections
Standard	802.11b/g/n (802.11n as suggestion)
Operation mode	· WiFi AP Mode (Factory default) · WiFi Client mode
Security	Supports WEP, TKIP, AES, WPA and WPA2
Protocol	· Support DHCP/ manual setup for network IP address. · Support TCP/IP, UDP, HTTP, RTSP, RTP, P2P. · Support FTP and Email for event data access. · Support NTP or system time server.
Video Compress Codec	1. Encoder: H.264 2. Decoder: H.264, MJPEG
Resolution	HD720P/VGA/QVGA
Frame Rate	(RTSP stream) 1~30fps ; (P2P Stream) 1~30 fps
Motion Detection	Supported, user can get alarm message via APPS of smart phone
Audio Compress Codec	1. RTSP: G.711 2. P2P: Speex 19Kbps
Software Security	Login authentication : Default (admin) ID/PW : admin/admin

Module	Door Window Sensor	PIR Sensor	Thermal Humidity Sensor	Smart Plug
Power Supply	AAA battery*2	AAA battery*3	AAA battery*2	90V ~ 240V
Frequency	2.4Ghz	2.4Ghz	2.4Ghz	2.4Ghz
Modulation	GFSK	GFSK	GFSK	GFSK
Data Rate	250Kbps	250Kbps	250Kbps	250Kbps
PIR Detect distance	N/A	3M	N/A	N/A
Encryption	Yes	Yes	Yes	Yes
Distance	80M open space	80M open space	80M open space	80M open space
Working temperature	0C ~ 50C	0C ~ 50C	0C ~ 50C	0C ~ 50C
Max TX power	+5dB	+5dB	+5dB	+5dB
Sensitivity	-97dBm	-97dBm	-97dBm	-97dBm
Channel	8 channel	8 channel	8 channel	8 channel
Freq shift	1Mhz	1Mhz	1 Mhz	1Mhz
RF Current Consumption (Normal)	5mA	4mA	7mA	7mA
RF Current Consumption (Suspend)	20uA	60uA	70uA	70uA
Thermal range	N/A	N/A	0 ~ 50°C	N/A
Humanity range	N/A	N/A	20% ~ 90% RH	N/A



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