

Wireless IP Network Box Camera

Introduction:



Overview:

Part no.: F17-801-3S42W; H.264 Video Compression Format, Network Box Camera, 1/3 SONY CCD sensor, supports bi-direction audio, support WIFI wireless transmission, there are 420TVL, 480TVL and 520TVL three kinds.

Feature:

Optimized H.264 Baseline Profile@Level 2.2 Compression algorithm is convenient to realize high-definition image transmission at narrow-band

Up to D1 resolution real-time encoding

It can support at most 10 users simultaneous browsing

Insert Web Server is easy for user to use standard IE browser to achieve real-time monitor on the end device and configure management

Support remote system upgrade feature

Support dynamic domain name resolution, support LAN and Internet (ADSL, Cable Modem)

Supports multiple network protocols: HTTP, TCP/IP, UDP, SMTP, DDNS, DNS, SNTP, BOOTP, DHCP, FTP, SNMP.

Support WIFI wireless transmission, IEEE802.11b/g.

Bi-direction audio intercom and audio broadcasts, and optional built-in microphone.

Network Adaptive Function: Automatically adjusts the size and encoding frame rate stream according to network bandwidth.

Video loss, motion detection (regional, sensitivity can be installed), and sensor alarm functions

Support RS485/RS232 serial port and built-in decoder protocols, supports transparent transfer protocol

Support abnormal automatic recovery, network interrupts automatic connection functions

Specifications:

Compression algorithm:

Video Compression: H.264 Audio Compression: G.726

Image Sensor:

1/3 sony ccd / 1/3 sony super had ccd

Lens:

Auto white balance, electronic shutter, automatic gain control, automatic backlight compensation (optional arbitrary lens)

Auto Iris:

VIDEO/DC drive

Core processor:

DSP+ARM+Hardware compression engine

OS:

Embedded real time operating system (RTOS)

Effective Pixels:

PAL: 720x576 (D1) 720x288 (HALF D1) 352x288 (CIF)

NTSC:720x480 (D1) 720x240 (HALF D1) 352x240 (CIF)

Horizontal Resolution:

420TVL/480TVL/520TVL

Minimum Illumination:

1.0 LUX F1.2 color to black: 0.01LUX

SNR:

≥48DB

Adjustable Video Parameters:

Brightness, color, contrast, saturation and image quality

Video frame rate:

PAL: 1~25 frame/s NTSC: 1~30frame/s

Video Compression Rate:

16Kbit/S~3Mbit/S

Audio intercom input:

Bi-direction audio intercom and audio broadcasts, and optional built-in microphone

Support protocol:

HTTP, TCP/IP, UDP, SMTP, DDNS, DNS, SNTP,BOOTP, DHCP, FTP, SNMP

Wireless:

Support WIFI wireless transmission, IEEE802.11b/g

System Interface:

A 10Base-T/100Base-TX Ethernet Port, A set of RS485 interface, A set of audio input and output ports, A set of alarm input and output ports, A video output port(BNC), A reset button, A power interface.

System clock:

ROM storage, can be synchronized with the client end

Input Power:

DC12V/ 1A

The Maximum Power Dissipation:

≤12W

Work Environment:

Work Temperature: -10°C~50 °C

Storage Temperature: -20°C~70 °C
humidity <90%

Volume and Weight:

120mm*61mm*58mm, weight: 0.5KG

Address : Perpa Ticaret Merkezi, A Blok No.516 Şişli/İstanbul | Tel : +90 212 3204030 | Fax : +90212 3200255 | e-mail : info@telkolink.com

www.telkolink.com

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