



A-AV1001 audio & video wireless intercom kit

- 2.4" Mobile TFT LCD
- LED for Night Operation
- 2.4G wireless band
- Secure 40Bit Password

Product information

Features

12 selectable ringtones
Energy saving, auto-sleep mode
USB interface for battery changing

Specification

Adopting 2.4g ism digital public frequency band:
2402~24853.5mhz

Adopt ARM 7

Having 12-digits digital audio signal serial input,
DAC audio output interface, sampling speed
rate 8kbps

Image data transmission & audio data
synchronization transmission

Full Duplex audio mode

Images adopts MJPEG compression format,
wireless transmission can reach 10~15
frame/second in single way

Transmission distance without blockage is
150m

Adopt AFH auto-adjusting technology, can
share the 2.4g frequency band with the wireless
network card and Bluetooth equipment

Transmission power is 16~20 dBm, receiving
sensitivity is 100dBm

Monitor Function

Split detachable extra power, free voltage supply
range DC3.6v~6v. In outdoor station adopts DC
12v power supply

Can create communication frequency channel
and synchronization frequency channel

The outdoor station uses the 0v7725 camera, the
mobile indoor phones uses the 2.4 inch TFT-LCD
monitors

Ease of upgrading system software

The outdoor station has the vandal-proof function
via alarming

Multiple encoding for one-one, multi-one, multi-
multi, one-multi

Power consumption for outdoor station
is 20ma~30ma/12v in standby mode, and 19ma in
active working mode

Power consumption for mobile indoor phone uses
is 20ma~30ma/3.7v in standby mode, and 170ma
is active working mode

Mini USB interface for changing mobile indoor
phone