

OPERATION DESCRIPTION

After the user turns on the device, the lithium battery supplies power to the main chip GPCV-QVM41 through the power chip. The main chip GPCV-QVM41 uses a clock signal output by a 32.768kHz crystal oscillator as the working benchmark of the system. In its normal operating state, the main chip GPCV-QVM41 not only receives video signals from the sensor chip. Then, these data are transmitted to the SV6158 WIFI module through the SPI interface.

When the SV6158 WIFI module is powered normally, it connects to the WIFI wireless network through the antenna. Once the network connection is stable, it establishes a connection with the server through the P2P protocol. Subsequently, the server forwards the received video stream in real-time to the client to view and manage at any time. SV6158 WIFI module use 24MHz crystal.

Frequency Range:

2.4G Wi-Fi: 2412-2462MHz (802.11b/g/n20 mode)

Modulation Technique: DSSS, OFDM

Voltage Range: DC 5V from USB port or DC 3.7V from battery