

Circuit Description

The Smart indoor fixed camera's MCU use AK3918EV330L. 24MHz crystal is used for AK3918EV330L chip. The AK3918EV330L is designed specifically for cost sensitive, low-power, and high-performance HDIP camera applications to meet the increasing demand for high-definition video surveillance. With embedded DDR2, H.264 hardware encoder, ISP, AES/DES/3DES encryption, AK3918EV330L can easily achieve high performance.

The camera currently operates on the Wi-Fi frequency, which is based on realtek RTL8188FTV chipset that complied with IEEE 802.11g, 802.11b, 802.11n standard. 40MHz crystal is used for RTL8188FTV chip.

Frequency Range:

2412-2462 MHz(802.11b/g/n ht20)

2422-2452 MHz(802.11n ht40)

Modulation Type: DSSS, OFDM

Rated Input Voltage: DC 5V from adapter