

# Operational Description

Product Name: MN LED RGB+IC WIFI 100FT MLW7-1004-ICM

Model Name: MLW7-1004-ICM, MLW7-1004

1. After the product has been connected to DC 24V adapter, product will start to work through XTAL 40MHz vibration. During transmitting, transceiver (U5 ESP8685) will output low-power signals to the PA (Power Amplifier), and then radiate signals to the space through Antenna network. During receiving signal, antenna will send electromagnetic wave signal to the Low Noise Amplifier for enlarging, and then signal will be sent to transceiver to demodulate.
2. Frequency Range: BLE: 2402-2480 MHz; 2.4G Wi-Fi: 2412-2462 MHz
3. Modulation Type:  
BLE: GFSK  
Wi-Fi: DSSS, OFDM
4. Antenna gain: 0 dBi
5. Power via adapter, DC 24V, 1.0A