



UDM-240ZH, UDM-240ZV

Short-Range Communication Device

Freedom in short range!



UDM-240ZH



UDM-240ZV

* Actual size

- 2.4GHz ISM band(16CH x 99 Group)
- Audio 8 Level Volume
- Provides 150 meter communication range
- Radio remote-control (mobile, handheld)
- 16 channel & x 99 Group selectable
- Operating time: more than 6 hrs.
- Sounds an alarm when entry or outranging at communication range
- Convenient cradle type for charging
- Displays channel & volume status
- Displays charging status by LED
- Intercom available
- PTT/Intercom shifting available
- Group / individual ID mode selectable
- IP-67 Rating

UDM-240ZH / UDM-240ZV



What is the short-range communication? : Able to remote-control the handheld radios or vehicle radios which applied ZigBee wireless protocol at ISM Band(2.40GHz~2.48GHz). Available communication range is 100m~150m.

UDM-240ZH Standard package



Main body

Charger

Adaptor

General

Frequency Band: ISM 2,400~2,480MHz
 Frequency stability: ± 30 ppm at $-10 \sim +50$ °C
 Channel: 16 CH x 99 Group
 Power: DC 6V500mA(UDM-240ZH)
 Battery: Li-Poly 3.7V 1,150mA Battery
 Dimensions: 88(H) x 59(W) x 30(D)mm
 Weight: 123g

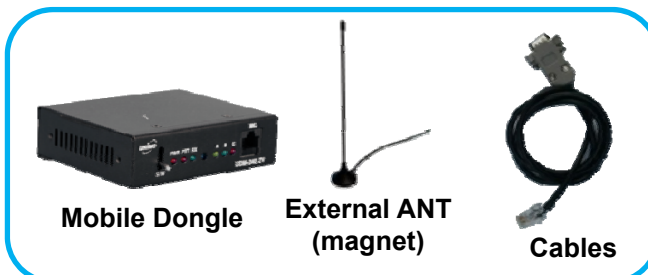
RX

Sensitivity: Max -98dBm at 1% BER
 Audio output: Max 500mW
 Audio Deviation: Max 5%
 Audio Frequency Band: 300Hz ~3,000Hz
 Power Consumption: Standby(100mA), RX(400mA)

TX

Power: Max 20dBm
 Power Consumption: 110mA
 Mic input: 50~100 mVrms

UDM-240ZV Standard package



Mobile Dongle

External ANT
(magnet)

Cables

General

Frequency Band: ISM 2,400~2,480MHz
 Frequency stability: ± 30 ppm at $-10 \sim +50$ °C
 Channel: 16 CH x 99 Group
 Power: DC 13.86V (vehicle power supply)
 Dimensions : 35(H) x 100(W) x 100(D)mm
 Weight: 275g

RX

Sensitivity: Max -98dBm at 1% BER
 Audio Frequency Band: 300Hz ~3,000Hz
 Power Consumption: Standby(100mA), RX(120mA)

TX

Power: Max 20dBm
 Power Consumption: 110mA
 Mic input: 50~100 mVrms

Antenna

2.4G external magnetic type Antenna



شرکت پرتوداده

نماینده رسمی فروش و خدمات بعد از فروش UNIMO
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