

# RG100-SUIT

## Radio Gateway Suitcase



CE

FCC

### KEY FEATURES

- Wireless Connection(4G/ WLAN) Radio Gateway
- Support DMR, either one VHF / UHF
- Secured Recording (Win Radio Cloud)
- Migrate existing analog or digital radio systems with ease
- Equipped with 108.5Wh battery

### INTRODUCTION

Winmate Radio Gateway Series offers seamless radio interoperability, allowing smooth integration of existing analog or digital radio systems. Designed for reliable communication in mission-critical applications, these gateways support wireless connections via 4G and WLAN, ensuring secure data recording with options for cloud storage. With compatibility for narrowband and broadband networks and features like VHF/UHF support and portable suitcase options with a built-in battery, this series is ideal for emergency response, public safety, and industrial communication.

### SPECIFICATIONS

#### Router Management

Router Management	Web Based Configuration HTTPS Web Software Upgrade Configuration Backup and Restore Reset to Default Button
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#### IP Network Spec

Network Security Specifications	HTTPS	WAN	Static IP, DHCP
Network Protocol Support	SIP Client, NTP Client, DNS Client, Web Server,DHCP Server, SSH Server	IPv4	Support

#### IO Ports

USB Port	2 x USB 3.0	SD Card Slot	1 x Micro SD Card Slot
SIM Card Slot	1 x SIM card slot	Indicator	Radio, WAN, LAN, Register, Alarm, Power
DIDO	DIDO (4XDI ; 4XDO)	RJ-45	1 x WAN 1 x LAN 2 x Radio (Optional for 4 radio ports/6 radio ports)

#### Certification

Certification	CE, FCC
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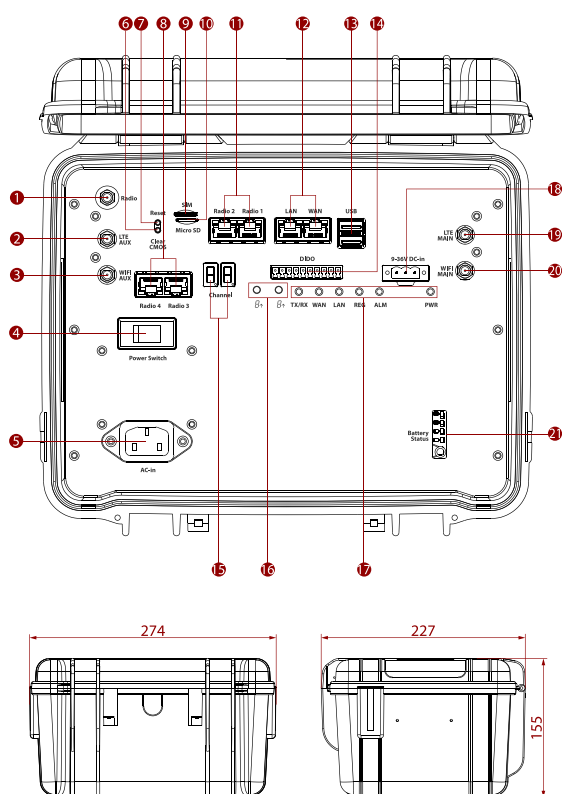
#### System Specification

Memory	4GB RAM	Storage	64GB SSD
Operating System	Ubuntu		

#### RF Spec

Frequency Range	VHF: 134~174MHz or UHF: 400~470 MHz	LTE Band	B1/B3/B5/B7/B8/B20/B28/B32
WLAN	Support		
<b>Mechanical</b>			
Dimension	274 x 227 x 155 mm	Weight	4.5Kg
Enclosure	Plastic		
<b>Transmitter Spec</b>			
TX Power	4W	RX Sensibility	≤-121dBm
Channel Spacing	Analog: 12.5KHz / 25kHz , Digital: 12.5KHz		
<b>Environment</b>			
Operating Temperature	0~60°C	Vibration	MIL-STD-810G Method 514.6
<b>Control</b>			
Button	1 x Power Switch (On/ Off) 2 x Button (Change Channels)		
<b>Power</b>			
Power Rating	9~36V DC input(Terminal Block) AC in		

## DIMENSIONS UNIT:MM



- ① Radio
- ② LTE AUX
- ③ WIFI AUX
- ④ Power Switch
- ⑤ AC-in
- ⑥ Clear CMOS
- ⑦ Reset
- ⑧ Radio4 & 3
- ⑨ SIM card
- ⑩ Micro SD
- ⑪ Radio2 & 1
- ⑫ LAN & WAN
- ⑬ USB
- ⑭ DIDO
- ⑮ Channel
- ⑯ Channel Select
- ⑰ LED Indicator
- ⑱ 9-36V DC-in
- ⑲ LTE MAIN
- ⑳ WIFI MAIN
- ㉑ Battery Status

## NOTE

- 1.This is a simplified drawing and some components are not marked in detail.
- 2.Please contact our sales representative if you need further product information.
- 3.All specifications are subject to change without prior notice.
- 4.The product shown in this datasheet is a standard model.For diagrams that contain customized or optional I/ O, please contact the Winmate Sales Team for more information.