RG100
Radio Gateway

KEY FEATURES

- Wireless Connection(4G/ Wi-Fi) Radio Gateway
- Secured Recording(Inbox/ Larzio Cloud)
- Radio Interoperability (Narrowband and Broadband)
- Migrate existing analog or digital radio systems with ease

CE FC

SPECIFICATIONS

Router Management			
Router Management	Web Based Configuration HTTPS Web Software Upgrade Configuration Backup and Restore Reset to Default Button		

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	2x 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	4 x DI, 4 x DO	RJ-45	1 x WAN 1 x LAN 2 x Radio

Certification	
Certification	CE, FCC

Power	
Power Rating	9~36V DC input(Terminal Block)

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
Wi-Fi	802.11 a/b/g/n/ac		

Mechanical			
Dimension	205 x 110 x 55 mm	Mounting	VESA mount
Enclosure	Metal		

Transmitter Spec	

WINMATE

TX Power	4W		RX Sensibility	≤-121dBm
Channel Spacing	Analog: 12.5KHz / 25kHz , Digital: 12.5KHz			
Environment				
Operating Temperature	0~60°C		**Vibration**	MIL-STD-810G Method 514.6
Control				
Button	1 x Power Switch (On/ Off) 2 x Button (Change Channels)			

DIMENSIONS UNIT:MM
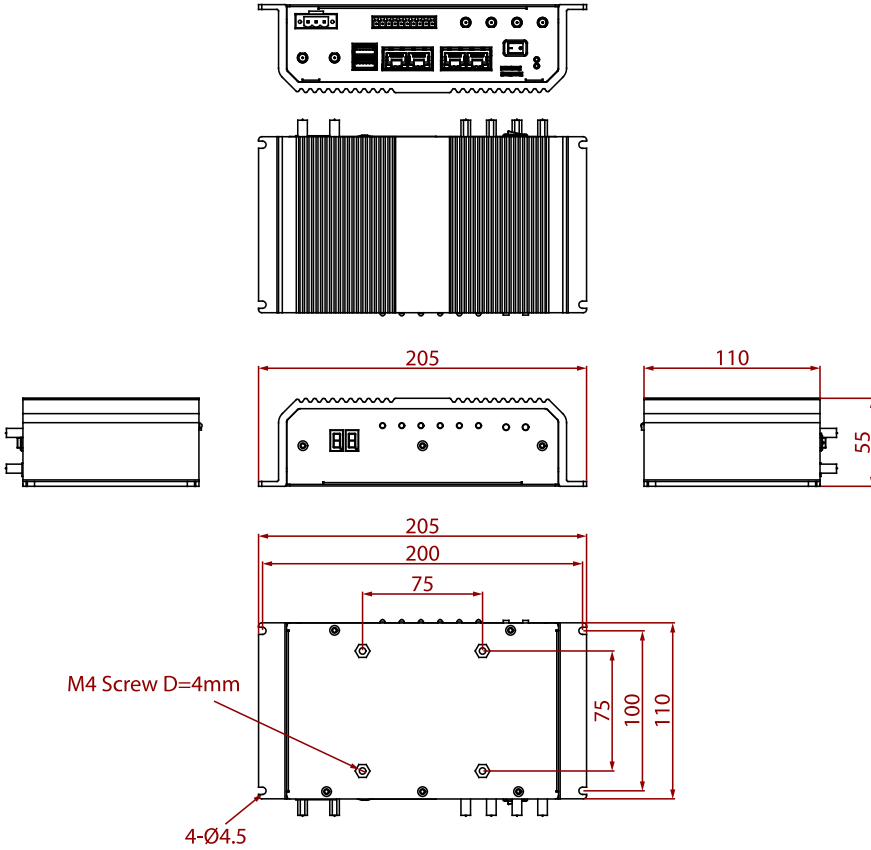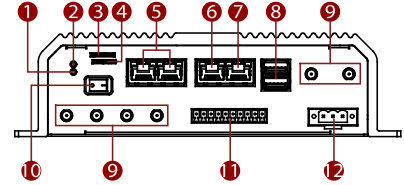
205   110

205
200
75

55

M4 Screw D=4mm

75
100
110

4-Ø4.5

Rear side I/O

❶ Clear CMOS   ❼ WAN
❷ Reset   ❽ USB 3.0
❸ SIM Card Slot   ❾ Reserved Antenna
❹ Micro SD Card Slot ❿ Power Switch
❺ Radio 1 & 2   ⓫ DIDO
❻ LAN   ⓬ Power Input

Front side I/O
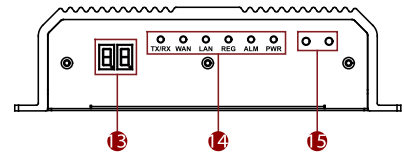
⓭ Digit LED Display   ⓯ Switching Channels
⓮ LED Indicator

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.