

zinwave 5000

Public Safety Remote

About

The **Public Safety Remote** supports all frequencies from 150 MHz to 2.7 GHz, including VHF (150 MHz), UHF (450 MHz), FirstNet Band 14 (700 MHz), 800 MHz, and all TETRA bands in any combination.

This Remote is NEMA 4 and IP66 rated when the add-on tray is attached. The tray provides three cable entry points for maximum flexibility across various fiber, power and alarm configurations. NFPA-compliant alarming connections are included with the unit.

The Public Safety Remote is powered with 48V DC from the Secondary Hub, or a Power Supply Unit (PSU) when connected directly to the Primary Hub, and is typically mounted above ceiling tiles or in out-of-sight locations as close as possible to the service area. It can be mounted in any orientation using the supplied mounting bracket.



Detailed Specifications

Unit Specifications

POWER CONNECTIVITY	48 V DC POWER INPUT VIA PHOENIX 5.08 mm 2-WAY CONNECTOR; AWG 12-24
FIBER CONNECTIVITY	SC/APC DUPLEX
ANTENNA CONNECTIVITY	SIMPLEX N-FEMALE CONNECTORS (TX AND RX)
TRAY CONNECTIVITY	3 GLANDS WITH M16, M32, M20 SCREW THREADS (LEFT TO RIGHT FROM FRONT), BLANK PLATES/GLANDS PROVIDED, CABLE DIAMETERS RANGING BETWEEN 2 mm AND 21 mm CAN BE SUPPORTED WITH SUPPLIED GLANDS
OTHER CONNECTIVITY	ALARM RELAY: PHOENIX 5.08 mm 3-WAY WITH NORMALLY CLOSED AND NORMALLY OPEN CONNECTIONS
DIMENSIONS W / D / H (mm)	8.1" (206) x 16.3" (415) x 2.2" (55) MEASUREMENTS INCLUDE SUPPLIED MOUNTING BRACKET AND IP66 ENCLOSURE
WEIGHT	6.6 LBS (3 Kg)
ELECTRICAL DEPENDING ON CONFIGURATION	48 V DC / 0.5 A / 24 W (82 BTU/HR) MINIMUM INPUT VOLTAGE IS 37 V
OPERATING TEMP AMBIENT NON-CONDENSING	-5 TO +50 °C (23 TO 122 °F)

Approvals & Listings

EUROPE	CE MARKED FOR RADIO EQUIPMENT DIRECTIVE 2014/53/EU AND ROHS DIRECTIVES 2011/65/EC
USA FCC	FCC CERTIFIED
CANADA	INDUSTRY CANADA CERTIFIED
SAFETY	IEC 60950-1; EN 60950-1; UL60950-1, UL2043, UL LISTED-E486578
LASER SAFETY	IEC 60825-1:2007
ENVIRONMENTAL	IEC 60825-1:2007 IP66

Detailed Specifications continued

Unit Parameters

	TYPICAL	MAX	UNIT	NOTES
NOISE FIGURE	-	8	dB	AT MAXIMUM RU GAIN
RF OUTPUT POWER	-	+24/+22	dBm	COMPOSITE DOWNLINK POWER [FCC/ CE] <1500MHz +21/+19 dBm [FCC/CE]
BROADBAND NOISE EMISSION	-114	-	dBm/Hz	AT MAXIMUM TRANSMIT POWER
SPURIOUS EMISSIONS	-	-36 / -30	dBm	9 kHz-1 GHz (100 kHz BW) / 1 GHz-12 GHz (1 MHz BW)
CROSS-MODULATION EMISSIONS	-	-60	dBc	TX EMISSIONS IN PRESENCE OF WIDEBAND SIGNAL
REMOTE UNIT P1 dB	+32	-	dB	
OIP3	45	-	dBm	AT MAXIMUM RU TRANSMIT POWER
OIP2	60	-	dBm	AT MAXIMUM RU TRANSMIT POWER
OPTICAL TRANSMIT POWER	-	8	mW	AUTO-CONFIGURED
OPTICAL RECEIVE POWER	-	10	mW	

Ordering Information

CATALOG #	ITEM DESCRIPTION
305-1007-R	PUBLIC SAFETY REMOTE, 150 MHZ - 2.7 GHZ
305-0008-R	PUBLIC SAFETY IP66 SPLICE TRAY

Package Dimensions

13" L x 6" H x 11.4" W | 6.6 LBS

MASTER CARTON: None

Support



3 YEAR WARRANTY FROM PURCHASE

US Web: wilsonconnectivity.com

INTL Phone: +44 1224 982031

US Phone: +1 800 871 1612

FOR PARTNER'S USE



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305-1007-R



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* **WARNING:** Cancer and Reproductive Harm - www.P65Warnings.ca.gov.