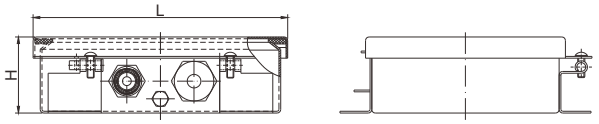
WL900

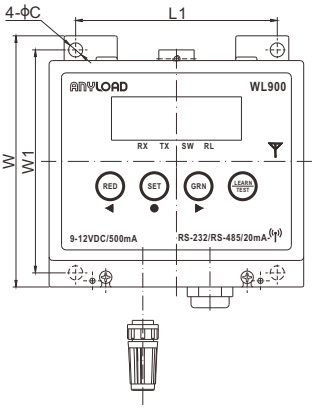
Wireless RF Transmitter / Receiver



Features:

- Designed exclusively for weighing industry
- Easily connecting weight indicators to remote displays
- Auto-Learn technology for automatic communication settings
- Stainless steel NEMA4 enclosure for indoor and outdoor use
- Keypad and display for easy setup and configuration
- Screw terminal wiring and strain reliefs for data inputs
- Lightning ESD protection on communication lines
- AC wall adaptor with detachable connector
- Wall mounting on the back
- GORE® breather vent
- Universal world wide emission approval
- Independent RS-232/ RS-485/ 20mA communication ports
- Universal worldwide emission approvals: FCC, IC, C-Tick





* If you plan to install multiple WL900 wireless modules at the same site, please inform us before purchase. To prevent signal interference, we can pre-configure each module to operate on separate channels. This ensures reliable communication in your setup.

DIMENSIONS

	C	H	L	L1	W	W1
mm	8	44	144	112	142	128
inches	0.3	1.7	5.7	4.4	5.6	5.0

SPECIFICATIONS

Indoor / Urban Range	100m (300ft)	**Enclosure Material**	Stainless Steel (IP65)
Outdoor / Line of sight	300m (1000ft)	**External Adaptor**	100-240VAC, 0.6A, 50/60Hz, UL approved
Frequency Range	900MHz or 920MHz or 2.4GHz	**Power Supply**	9-12VDC, 500mA
Output Power	250mW (24dBM)	**Operating Temp**	-40°C to 50°C / -40°F to 122°F
Throughput	10Kbps (9600bps)	**Box Ventilation**	Breather vent to avoid condensation
Antenna	Whip RPSMA	**Input & output**	1 dry contact switch and 1 form C relay
Approvals	FCC, IC, C-Tick	**Status Indication**	Annunciators for TX and RX
Communications	RS-232, RS-485, 20mA (300, ..., 9600, ..., 57600 baud)	**Dimensions**	44mm×144mm×142mm 1.7in×5.7in×5.6in

PART NUMBER

Part No.	Frequency	Weight Approx. (kg)
TRANSMITTER		
WL900-01T	US/CAN/900MHz	1.34
WL900-02T	AUS/920MHz	1.34
WL900-03T	Global/2.4GHz*	1.34

**Wireless frequency availability and certification depend on the specific module, antenna, and local regulatory requirements.*

PART NUMBER

Part No.	Frequency	Weight Approx. (kg)
RECEIVER		
WL900-01R	US/CAN/900MHz	0.07
WL900-02R	AUS/920MHz	0.07
WL900-03R	Global/2.4GHz*	0.07

© 2026 ANYLOAD V2 • dimensions and specifications subject to change without notice

Product Datasheet Disclaimer

Information Changes:
All product specifications, statements, information, and data (collectively, the "Information") in this catalog or made available elsewhere by ANYLOAD are subject to change. Customers must verify the applicability of the Information at the time of order placement.

Accuracy and Reliability:
While all Information is believed to be accurate and reliable, it is presented without guarantee, warranty, or responsibility of any kind, expressed or implied.

Laboratory Conditions:
Data listed in the datasheet is produced within controlled laboratory settings and may not be reproducible without exact replication of all metrological conditions. Users must validate that a product with the described properties is suitable for their applications.

Interchangeability:
Statements of interchangeability with other manufacturers are based on ANYLOAD's knowledge at the time of publication and are not intended to constitute any warranty concerning the substitutability of an ANYLOAD product with one made by another Manufacturer.

Warranty Voidance:
Any use of the product outside of specifications or any storage or installation inconsistent with product guidance voids any warranty.

Intended Use:
The information is intended for use only by customers who have the requisite experience and capability to determine the correct products for their application. ANYLOAD provides technical advice without obligation or liability for the advice given or results obtained.

Component Failures:
Although ANYLOAD designs and manufactures its products to stringent quality and safety standards, isolated component failures may still occur. Applications requiring high reliability or safety should employ suitable designs or safeguards to ensure that component failure does not result in personal injury or property damage.

High-Risk Applications:
Unless specifically agreed to in writing, ANYLOAD has not tested or certified its products, services, or deliverables for use in high-risk applications (e.g., medical life support, nuclear facilities, weapon systems). ANYLOAD makes no assurances that the products are suitable for high-risk uses. Under no circumstances does ANYLOAD warrant or guarantee suitability for any customer design or manufacturing process.

Contact authorized ANYLOAD personnel for special terms and conditions regarding products designed for specific safety requirements.

Safety Measures:
All product-related warnings, cautions, and notes must be observed. Customers should not assume that all safety measures are indicated or that other measures may not be required.

California Proposition 65:

⚠ **WARNING:** Some products manufactured or distributed by ANYLOAD may contain trace amounts of chemicals known to the State of California to cause cancer, birth defects, or other reproductive harm. These substances are present in minimal quantities and are typically encapsulated within our products. This warning is provided to enable you to make informed decisions as a consumer.

© 2026 ANYLOAD V1 • dimensions and specifications subject to change without notice