

Desktop UHF Reader

Model: GXN-2105
Version: V1.0



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FCC WARNING

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This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation. Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications.

However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception,

which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

To maintain compliance with FCC's RF Exposure guidelines, This equipment should be installed and operated with minimum 20cm distance between the radiator and your body: Use only the supplied antenna.

SAFETY ALERT

Read and follow all instructions and warnings contained in this manual.

It is the user's responsibility to ensure the unit is correctly assembled, installed, and maintained. Failure to adhere to the instructions in this manual may result in personal injury or property damage.

Read all sections of this manual thoroughly before assembly.
Retain this manual for future reference.

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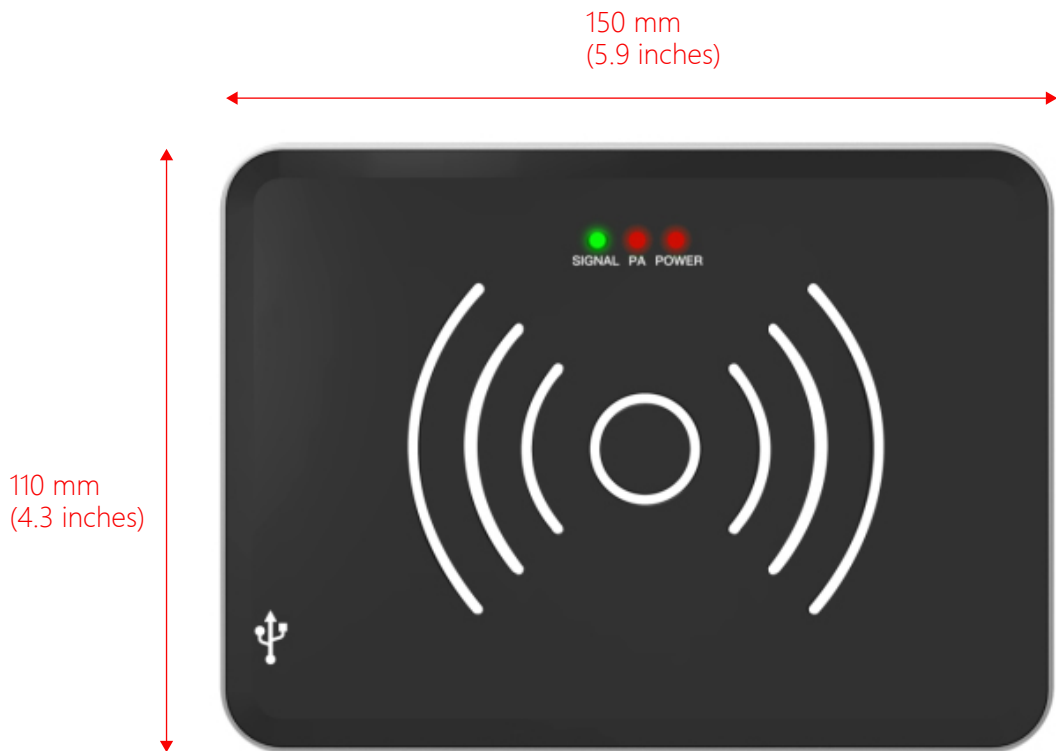
PRODUCT INFORMATION

Product Overview:

The Desktop UHF Reader is engineered for back-office operations. It enables contactless reading and writing operations to facilitate rapid initialization, authorization, and data association for RFID seals.

Integrated multi-protocol compatibility (supporting ISO 18000-6C/EPC Gen2 standards), coupled with driverless USB connectivity and configurable software, delivers efficient seal authorization and data association workflows.

PRODUCT DIMENSIONS



TECHNICAL SPECIFICATIONS

Functional Specifications	
RF Protocol	EPC Class 1 Gen 2/ISO18000-6C/6B
Frequency Band	920~925MHz
USB interface	USB2.0 full-speed interface
Operating Power Consumption	5W(Maximum)
Operational Characteristics	
Read Range	0~30m
RF output power	0~20 dBm±1 dB (The power is adjustable)
Power supply mode	USB
Physical Parameters	
Dimensions	150 mm × 110 mm × 23.5 mm (5.9× 4.3 × 0.9 in)
Net Weight (kg)	0.5
Housing Material	ABS
Environmental Parameters	
Operating Temperature	-20°C to +55°C
Storage Temperature	-40°C to +80°C
Relative Humidity	10% to 95%
IP Rating	IP32
Software development support	
SDK	C++/JAVA