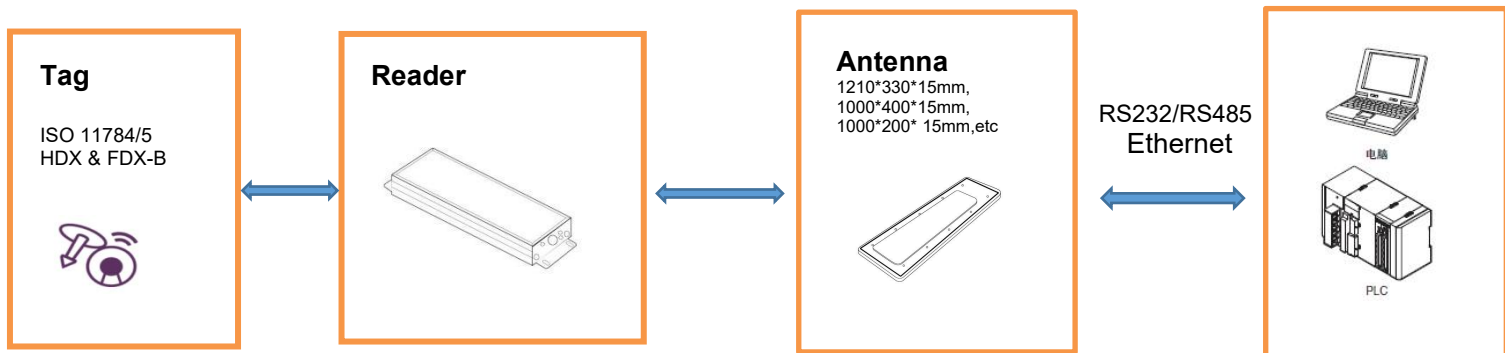


TW-R120 Stationary Reader



Application:

—Farm management

- Electronic Feeding Station
- Automatic Feeding Tank
- Counting Channel
- Intelligent Weighing
- Livestock Access Control

FRD550 Stationary Reader

- FRD550 is compatible to the ISO Standard 11784/5 and reads FDX-B and HDX with a long-reading range.
- Multiplexing: 1 Channel, 2 Channels
- Operating frequency 134.2KHz, strong penetration, high stability.
- 32 levels of automatic tuning circuit: automatic tuning function in the state of power recovery, simplify the initial installation process.
- Synchronization function: the nearby multiple readers can work steadily, without interference from each other.
- High receiving sensitivity, stable performance and strong reliability.
- Max baud rate 115200, high speed and long distance transmission.

Specification

Model	TW-R120
Electronic Spec	
Frequency	134.2KHz
Standard Protocol	HDX, FDX-B
Dimension	177*50*21mm
Baud rate	Up to 115200
Reading Distance	HDX:Up to 90 cm (Maximum distance in the laboratory tested without any interference)
IP Grade	IP67
Multiplexing	With the optional units: 1 channel 2 channels
Indicator Light	2 LED
Working Conditions	
Operation Temperature	-25℃~70℃
Operating humidity	10%-90% RH (no condensation)
Weight	0.4kg
Electrical Parameter Index	
Working Voltage	12-36V
Circuit Protection	With polarity protection and overvoltage protection (Max 60V)
Communication Interface	RS232, RS485,Ethernet(Optional)

FCC Warning Statement

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment. 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.

FCC Radiation Exposure Statement

The antennas used for this transmitter must be installed to provide a separation distance of at least 20 cm from all persons and must not be co - located for operating in conjunction with any other antenna or transmitter.

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.

H-Field Strength(Max): -18.04 dBμA/m@10m(134.2kHz) for EU

Operation Frequency: 134.2kHz

This product can be used across EU member states.

CONTACT

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LIVESTOCK IDENTIFICATION