

## Fixed Active Reader model F526B

### Technical Parameter

#### RF Parameters

- Operating Frequency 2.4-2.48GHz
- Output Power -30~0dBm (adjustable by software)
- Sensitivity -95dBm
- Communication Interfaces RS-232, 10/100M Ethernet
- Optional Interfaces RS-485, Wiegand 26/34
- Wireless Expansion Module GPRS(optional), 802.11 WIFI module(optional)
- I/O Port 2- channel relays output(optional), 2- channel trigger input(optional)
- Firmware Upgrade Support serial port
- Applicatio Software Platform Provide development kit of API(C++ and C#)

#### Tag Operation

- Tag Protocol Private Protocol
- Tag Operating Mode Compatible with active and passive operating mode tags
- Reading Range 0~120m (depend on the tag power output)
- Identification Speed 200pcs/s (tag ID)
- Anti-confliction Identifying 300pcs tag at the same time

#### Mechanical & Electrical Performance

- IP Rating IP67
- Power Supply AC180V~240V (optional DC 9-18V power module build-in)
- Power Consumption 300mW
- Product Dimensions Ø330mm×126mm (excluding stand)
- Package Dimensions 560mm×380mm×185mm

- Net Weight 1.6kg
- Gross Weight 5.15kg
- Operatin Temperature -40°C ~ +60°C
- Storag Temperature -60°C ~ +80°C
- Humidity 5% ~ 95% (non-condensing)
- Shock Resistance 10~500Hz, 100mm/15g, triaxial

#### Functions

- Support RS-232, Wiegand 26/34 & 10/100M Ethernet and customized interfaces
- Reading distance is adjustable by software
- Wireless module GPRS/GSM, WIFI optional
- Power supply(AC 110-280V; DC 9V-18V) configurable by requirement
- Multi-group I/O ports, to control the functional mode of the reader/writer
- Command-trigger, set time-trigger and out-trigger suitable for customer's applications
- Multi-reader operating under intensive environment
- All the design, components model and production process meet relevant military standards, waterproofing IP67, harsh environment suitable

#### Applications

- School & corporation personnel management and positioning
- Automatic vehicle identification
- Long Range Access control
- Warehousing and logistics

