T- 411R
Active Reader

Technology specifications

Operating frequency	2.4GHz~2.5GHz ISM
Antenna	Connect 1 antenna through SMA
RF Power range	-30.0dBm~1.0dBm(adjusted by 32 grade)
Receiving sensitivity	-90.0dBm
Operating mode	FHSS or fixed frequency(set by software)
Modulation	GFSK
Reading range	☆ 0~50m (Standard matched antenna NFC-2402T) ☆ 0~100m (Antenna NFC-2412T, directional) ☆ 0~200m(Antenna NFC-2418T , directional) RSSI active reader can be adjusted less than 10m
Anti-collision	Up to 500 tags read simultaneously
Buffer capacity	2000 tags data
Communication speed	250kbps, 1Mbps, 2Mbps(adjustable)
Communication interface	RS-232, RS-485, USB, Wiegand26/34/42/50, Ethernet
Input	1 triggering input
Optional function	2 relays output, CAN, ID match function, Offline function and Time function
Power supply	AC input: 100~240V, 50/60Hz 1.2A DC output: 5V/1A
Product size	134mm*99mm*34mm
Packing size	284mm*275mm*85mm
Gross weight	0.79kg
Net weight	0.25kg
Working temperature	-20℃~+70℃ (-4°**F**~+158°**F**)
Storage temperature	-40℃~+85℃ (-40°**F** ~+185°**F**)
Accessories	Standard matched antenna, Power adapter, Power cable, RS-232 cable, USB cable, Ethernet cable
Working status indication	Buzzer, LED indicator

Key Features

l   Long distance identification, strong receiving sensitivity.

l   Excellent anti-collision performance.

l   Little RF Power (No more than 1dbm, transmitting power ≤2mw), which is suitable for human carry and environment friendly.

l   Multiple communication interfaces, also can be customized.

l   Self-development communication protocol and can customize and expand as your requirement.

l   Multiple optional function can meet customized need.

l   Compatible to other tag protocol and improve the performance of system application.

Typical Applications

l   Intelligent transportation management.

l   Asset identification, tracking and checking management.

l   Orientation, tracking and checking people in coal mine etc.

l   Position monitor management for baby, prisoner, older psychotic etc.

l   Electronic ticket, access control, time attendance, school management etc.

l   Hospital management, such as rubbish, equipment, medicine etc.

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