

# **STAF2420**

## **2.45GHz Active RFID Reader**

### **(Omni Directional)**



#### **Typical Applications:**

Intelligent transportation management;

Asset identification, tracking and checking management;

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

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

## Specifications

Operating frequency	2.4GHz~2.5GHz ISM
Antenna	Connect 1 antenna through SMA
RF power range	-30dBm~0.0dBm( adjusted by 32 grade )
Receiving sensitivity	-90.0dBm
Operating mode	Fixed frequency
Modulation	GFSK
Reading range	0~100m (depend on different gain omni-directional antenna,) RSSI active reader can be adjusted less than 10m
Anti-collision	Up to 500 tags read simultaneously
Communication speed	250kbps, 1Mbps, 2Mbps(adjustable)
Communication interface	RS-232, RS-485, Wiegand26/34/42/50, Ethernet
Input and output	2 input, 2 output
Power supply	AC input: 100~240V, 50/60Hz 1.2A DC output: 5V/1A
Product size	208mm×125mm×35mm(L×W×H)
Gross weight	2.2kg
Net weight	1.9kg
Working temperature	-20°C~+70°C
Storage temperature	-40°C~+85°C
Accessories	Standard matched antenna, Power adapter, Power cable, RS-232 cable, USB cable, Ethernet cable
Working status indication	Buzzer, LED indicator

