先施科技 Sense Technology

Device Real-time Status Sensor

Sense-TC02 Device Real-time Status Sensor

一体式外观图

- The minimum idle current
- The highest accuracy
- The first RFID with monitor

Sense-TC02 real-time status sensor is new RFID technology based on independent research and development, designed for the management of equipment / instrument real-time status

Features:

- The minimum idle current enables the long battery life.
- The highest accuracy reduces the misjudgment rate
- Advanced anti-collision technology enables the Simultaneous management up to 500 tag/second per station
- The highest recognition speed enables the moving management (up to 40mile/per hour).
- High Security enables Data integrity and anti-crack
- Radio License Free

Use Cases

1. Asset Management.
2. Equipments / instruments Management.
3. Production line：data collection / data analysis etc

Sense-TC02 Device Real-time Status Sensor Parameters

Radio	
Frequency	default: 2425Mhz
Modulation:	GFSK
Radio Rate:	1Mbps（Default）250kbps、2Mbps
Radio Power:	Default 0dBm。(-20dBm~4dBm ， 4dBm step)
Radio distance:	80 meters（0dBm）
Electrical	
Input Current	0A~10A
Input Voltage:	110~130V- 60HZ / 220V~240V-50HZ
Air Voltage:	8000V
Power:	AC （with backup battery）
IDLE Current:	< 3uA（+25℃）
Working Current:	< 16mA
Battery Life:	5 years
MTTF:	5 years
Interface:	National standard three-phase power socket male head, female head;
Environment	
Work Temperature:	-20℃～+70℃
Storage Temperature:	-40℃～+80℃
Humidity:	< 98%(+25℃)
Protection levels	
Vibration:	10～2000Hz， 15g Three axes
Fall:	1000mm
Physical	
Type:	One way Radio
Size:	55mm×35mm×43.5mm
Weight:	60g

先施科技 SENSE Sense Technology
Shenzhen Sense Technology Co.Ltd.
phone：+86-755-88833238
http：www.sense-hk.com

FCC STATEMENT

1. **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.
2. **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, pursuant to Part 15 or 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 casue harmful interference to radio communications, However, there is no guarantee that interference will not occur in a particular installation. If the 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.