



**RFID REIMAGINED**



[TRESRFSOLUTIONS.COM](http://TRESRFSOLUTIONS.COM)

1-888-574-8737

**BASIC FUNCTIONS**

902MHz ~928MHz @  
500KHz hop (50 total hops)

ISO18000-6B, EPC Class 1,  
EPC Class 1 GEN 2

Frequency Hopping  
Spread Spectrum  
(FHSS)

Timed Mode - automatically  
reads at fixed time

Trigger Mode - external  
trigger to control read

<8ms - Identify single tag

Reads every 8 bytes in less than  
5ms

RS-232, RS-485, TCP/IP, OSDP  
Multiple Wiegand Formats

One way trigger input

**ANTENNA**

Internal 7dBi  
circular polarized

**MAX RF POWER**

30 dBm (1 Watt)

**READING TAG DISTANCE**

18' to 25'

**POWER SUPPLY**

5VDC @ 2Amp (supplied)

**POWER CONSUMPTION**

1.5 A max. @ 5VDC (7.5 Watts)

**WORK TEMPERATURE**

-4°F to 158° (-20°C to +70°C)

**STORAGE TEMPERATURE**

-40°F to 185°F (-40°C to +85°C)

**WORKING STATUS INDICATOR**

Audible beep, external LED option

**EXTRA FEATURES/OPTIONS**

Relay, external LED, multiple  
and custom Wiegand formats,  
OSDP, encrypted tag to reader,  
TCP/IP, RS485

**RF POWER RANGE**

10~30 dBm,  
software adjustable



**Made in the U.S.A**