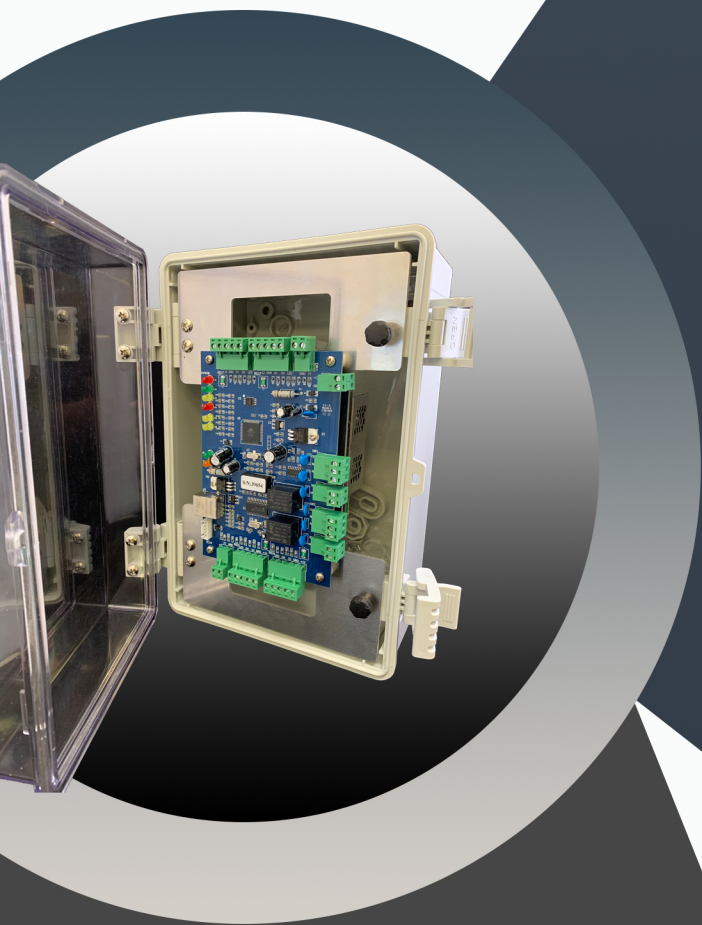


tres

Transponder & Reader Engineered Systems Inc.



DEFENDER B/K

**Dual Relay Access Controller
& IP65 Enclosure**

KEY FEATURES:

Will handle separate vehicle
and pedestrian gates simultaneously

20,000 Users with audit trail

Economical solutions for gated
communities, private
security estates & commercial
properties

Distributed data base controller
with online or offline capability

Remote door release

Real time processing and
communications

Great For:

**H.O.A.'s
and
Pedestrian Gates**

1-888-574-8737
TRESRFSOLUTIONS.COM

Enclosure

Weatherproof, lockable
IP65 rated with clear hinged
lexan cover. Internal hinged
swing-out plate for easy access
and wiring

Dimensions

11.8" x 7.9" x 6.7"
(300mm x 200mm x 170mm)

Basic Functions

Reader Ports: 4 (2 in, 2 out)
Input protocol: Standard 26-bit Wiegand
Maximum Wiegand device distance, 500'
Outputs; 2 NO/NC Relays @ 10A
(software configurable)
Request to exit inputs; 2 NO
Status inputs; 2 NC

Diagnostic LED Indicators

Power
System
Inputs
Output relays

Storage

Memory - 20,000 Users
Buffers - 100,000 Events

Network Communications

TCP/IP

Software Included

Downloadable @
www.tresrfsolutions.com

Communication Distances

Ethernet TCP/IP: 328' (100 meters)

Storage Capacities

No limit on number of networks

Communications Mode

10Mbps/100Mbps adaptive

Power Supply (Included)

12VDC @ 3A
(If using magnetic door locks)

Circuit Board Power

225 mA (without load)

Removable Terminal Strips

For easy install and service

Reader Type Supported

Compatible with all readers
using standard 26-bit
Wiegand format

Operating Environment

-31° F to + 149° F (-35° C to +65° C)
10 ~ 90% Relative humidity
(non-condensing)

Dimensions - PCB Only

(L)6.3" x (W)4.2" (160mm x 106mm)



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