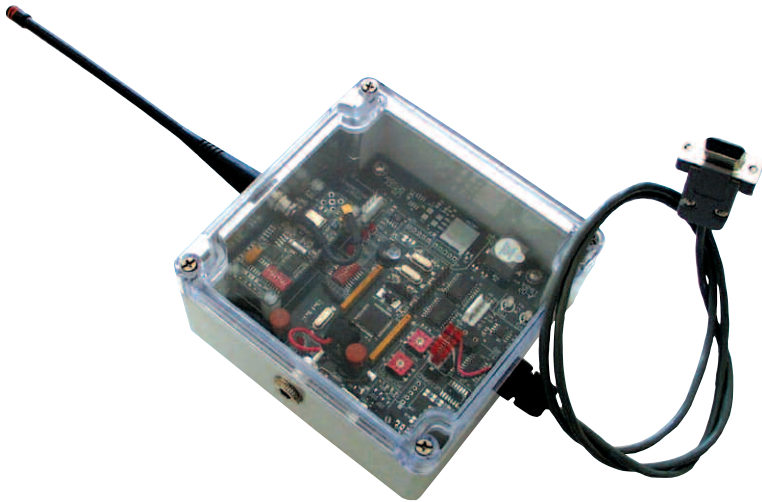


Extend-a-Read™ 433.92 MHz Data Sheet

Readers (Long Range Active Tag Technology)



Omni-Directional Reader

Model EXR1 – RS232/485, Wiegand
Model EXR1-E – Ethernet, RS232/485, Wiegand

Dimensions: 4.75" square x 3.125"
Weight: 13 ounces / 370 grams
Range: 3' to 70' standard whip Antenna
300' with optional external Yagi Antenna
Relays: 2 NO relays, sinking silicon
Time held high adjustable to 99 seconds
Power: +8 to +24vdc 350mA (max) 200mA (typ)
Temp: -40c to +70c (operating)
-55c to +85c (non-operating)
Protection: IP65



Directional Reader

Model EXR4 – RS232/485, Wiegand
Model EXR4-E – Ethernet, RS232/485, Wiegand

Mounting Bracket Included
Dimensions: 14.5" square x 4" deep
Weight: 2 lbs.
Range: 3' to 250'
Relays: 2 NO relays, sinking silicon
Time held high adjustable to 99 seconds
Power: +8 to +24vdc 350mA (max) 200mA (typ)
Temp: -40c to +70c (operating)
-55c to +85c (non-operating)
Protection: IP65

Both Models Available with Automatic Range Tuning Feature

Advantages

- Hands Free Identification
- Auto Range Tuning, 3 feet to 300 feet or more
- Anti-Collision – Read many Tags simultaneously
- Low Battery LED on Tags
- Tag life guaranteed up to 5 years
- Replacement battery option
- Tamper detection option
- Ethernet, RS232/485, Wiegand, or Relays
- Interface to GPS or Cell Modem
- Hand-Held Readers also available

Applications

- Gated Community Access
- Private Parking Access
- Trucks on Scales
- Asset/Personnel Tracking
- Locate Assets/Tools/Molds in storage



See Application stories/photos, client references, and vehicle collision alert applied to underground mining success story here, <http://rfidinc.com/extend.html>

Extend-a-Read™ 433.92 MHz Data Sheet

Transponders (Long Range Active Tag Technology)



Model EXT1

Windshield or Personnel Tag

Dimensions: 3.375" x 2.125" x 0.25"
 Weight: 2 ounces / 370 grams
 Color: White
 Housing: Sealed ABS, IP65

TTO: Tag Talk Only
 Anti-Collision: Read many Tags simultaneously
 Pulse Timing: .75 seconds, 1.5 seconds, or 3 seconds
 Life: 15 months, 2.5 years, or 5 years
 Options: Low battery LED
 Replacement battery
 Tamper detection
 Memory: Read only, 16 hex bytes
 Temperature: -40° F to +185° F (-40° C to +85° C)
 Frequency: 433.92 MHz



Model EXT2

Metal Mount Tag

Dimensions: 3" x 2" x 1"
 Weight: 4 ounces / 114 grams
 Color: Black
 Housing: ABS, provides for metal spacing, IP65



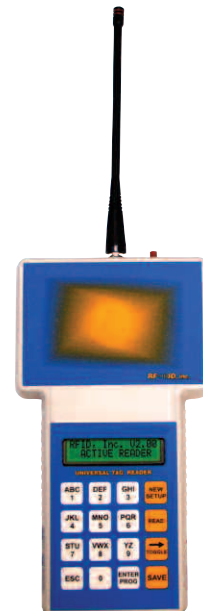
Model EXT3

Potted Tag

Dimensions: 4" x 2.12" x 0.54"
 Weight: 4 ounces / 114 grams
 Color: Black
 Housing: Rynite, potted, IP67
(No replacement battery option)



See Application stories/photos, client references, and vehicle collision alert applied to underground mining success story here, <http://rfidinc.com/extend.html>



Ask about hand-held options