



# MiniTracker AVID1002

## MiniTracker ID TAG READER

The AVID Mini Tracker is engineered for convenience and performance, providing the user with the ideal solution when portability and cost are important. The AVID Mini Tracker is small enough to carry in your pocket. Its technology enables it to read ID tags from different manufacturers. The Mini Tracker was designed to read and display any AVID or FECAVA coded radio frequency identification tags.

The ID code is displayed on the Mini Tracker's 16 character LCD or downloaded via an optional RS-232 cable to a computer.

In the operational mode, the Mini Tracker emits two beep tones to signal that an identification tag has been read. When not in use, four beep tones sound every three minutes to warn the user that the unit is still on.



## Specifications AVID1002

\*Reading distance varies depending upon orientation and size of ID tag.

TAG COMPATIBILITY: AVID (125 kHz) and FECAVA (125 kHz) coded ID tags, produced by multiple manufacturers.

OPERATING FREQUENCY: 125 kHz

TEMPERATURE RANGE: Operating- 32° to 122°F (0° to 50°C)

Storage- 4° to 158°F (-20° to 70°C)

POWER: 9-Volt alkaline battery

DISPLAY: Character Liquid Crystal Display

INDICATORS: Audio beep/Visual LCD

DIMENSION: 2.4"W (6cm) x 6.9"L (18cm) x .86"H (2cm)

WEIGHT: .69 lbs. (345 grams)

TYPICAL READ DISTANCE: AVID Injectable Chip 3.0" (7.6cm)

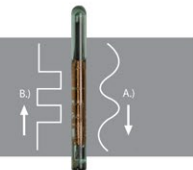
AVID Ear Tag 6.0" (15cm)

AVID Cattle Bolus 12.0" (30cm)

OPTIONS AND ACCESSORIES: RS232 Interface

FCC APPROVED: FCC ID: IOL-125-AV1002X

## How it Works



The MiniTracker works by transmitting a low-frequency radio signal, which is received by the coil antenna of a compatible ID tag.

(A). This electromagnetic field powers the radio frequency identification tag. In each ID tag, there is an integrated circuit containing the identification code, which instructs the coil antenna to draw a variable amount of power from the reader. The MiniTracker's sophisticated electronics measures the amount of power consumed by the tag and then decodes these variations to re-construct and display the identification number.

(B). This entire process takes less than 0.04 seconds

Call Now Toll-Free **(800) 336-2843** Sales Option 3  
<http://AvidID.com>