



MiniTracker III

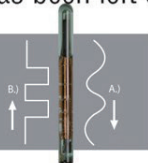
AVID1034-3

MiniTracker III

PATENTED MULTI - MODE ID TAG READER

The AVID MiniTracker III is engineered for convenience and performance, providing the user with the ideal solution when portability and cost are important. The AVID MiniTracker III is small enough to carry in your pocket. Its patented Multi-Mode technology enables it to read ID tags from different manufacturers. The MiniTracker III is configured to read and display any AVID, FECAVA, TROVAN and ISO (FDX-B) coded radio frequency identification tag. The ID code is displayed on the MiniTracker III's 16 character LCD. In the operational mode, the MiniTracker III emits two beep tones to signal when an identification tag has been read. When not in use, four beep tones sound every three minutes to remind the User that the reader has been left on.

How it Works



The MiniTracker III 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 III'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



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Specifications

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

TAG COMPATIBILITY: AVID, (125 kHz) FECAVA, (125 kHz) TROVAN (128kHz) and ISO (134.2 kHz) (FDX-B) coded ID tags, produced by multiple manufacturers.

OPERATING FREQUENCY: 125 kHz

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

Storage: 4 to 158F (-20 to 70 C)

POWER: (1) 9- Volt alkaline battery

DISPLAY: 16 Character Liquid Crystal Display (LCD)

INDICATORS: Audible beeps/Visual LCD

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

WEIGHT: .47 lbs. (215 grams)

TYPICAL READING DISTANCES: *AVID/FECAVA Injectable Transponder: 4 1/2 (11.4cm) TROVAN Injectable Transponder: 2 3/4" ISO (FDX-B) Injectable Transponder: 3 1/4" (8.25cm)

FCC APPROVAL: FCC ID: IOL-125-AV1034

CE CERTIFIED