

<sup>®</sup>  
**Iron**

# ID 500



- Long read ranges
- Use for vehicle ID
- Designed for use on metal
- Rugged ABS housing

# **trovan**<sup>®</sup> ID 500 Long Range Transponder

Because of its long reading distance, the TROVAN ID-500 Long Range Transponder is especially suited for the identification of vehicles and large objects made of metal or other ferrous materials. The ID-500 Long Range Transponder is encapsulated in ABS housing.

## **DIMENSIONS**

**Length:** 100 mm. (3.93 in.)  
**Width:** 100 mm. (3.93 in.)  
**Height:** 4.5 mm. (0.18 in.)

## **WEIGHT**

57 g.

## **IDENTIFICATION CODE**

64 bits

## **ENCAPSULATION**

ABS

## **READING RANGE**

**GR-250** up to 74 cm. (29.13 in.)  
**Maximum** up to 120 cm. (47.24 in.)

## **SCAN ANGLE**

Spherical

## **TRANSMIT TIME**

119 us/bit (8375 baud)

## **STORAGE TEMPERATURE**

-40°C to +125°C (-40°F to 257°F)

## **OPERATION TEMPERATURE**

-20°C to +85°C (-4°F to 185°F)

## **ENVIRONMENT**

IP67

## **VIBRATION**

3 G/10HZ- 200Hz

PRESENTED BY: