

LID650/ANTxxx



- Modular design
- Variety of antenna form-factors
- High resistance to EMI
- Read transponders on metal
- Select from among housing options, buzzer and other features

The LID650 OEM Decoder Board features all decoder electronics on a single board. It has been designed for use with external multiple coil antennas, such as the ANT-610 Square Fast Read Antenna, the ANT-611 Sensor Antenna, the ANT-612 Panel Antenna and ANT-612HP High Performance Panel Antenna. Reader activation can be placed under software control, or can be controlled by trigger. The LID-650 OEM Decoder Board will read both TROVAN UNIQUE™ and TROVANFLEX™ ID codes.



PRESENTED BY:

U.S. Pat. Nos. 5,012,236, 5,095,309, 5,198, 807.
Addtl U.S. and overseas patents pending

LID650 OEM DECODER BOARD

DIMENSIONS

100 mm x 58 mm x 16 mm
(3.94 x 2.28 x 0.63 in.)

WEIGHT

40 g (3.53 oz)

POWER SUPPLY

regulated linear 12 vdc +/- 5%

INDICATOR

Buzzer on board

MEMORY

8 Kb EEPROM for data storage

STORAGE CAPACITY

1,600 readings, 800 w/time & date stamp

OPERATING TEMPERATURE

0° to +50°C (32°F to 122°F)

OPERATING FREQUENCY

128 kHz

READING RATE

0.03 sec.

INTERFACE

LID-650 RS232
LID-650N RS485, CAN layer
LID-650A access control version w/
both RS232 and RS485

OPTIONS

RELOUTU7 Potential free relay output no/nc
CLOCK U2 Clock-calendar (to record time & date
stamp with readings)
HOU-650 IP 40 housing
HOU-650S IP 65 housing
PWS12V-1A Regulated power supply 110VAC 1 amp.
linear
PWSCAB Mains lead
RS232CAB RS-232 cable
ANTCAB Antenna cable, additional length
TM613 Adaptor board, allows LID-650 to drive
single coil antennas, such as ANT-613,
ANT-614, ANT-614OEM



ANT610F Square Antenna, Fast Read

DIMENSIONS

215 mm x 185 mm x 32 mm
(8.46 x 7.28 x 1.25 in)

WEIGHT

1.6 kg (3.5 lbs.)

ENVIRONMENT

IP 67

MATERIAL

Polyurethane

READ RANGE(best)

ID-100 15 cm (6 in)
ID-200 27 cm (10.6 in)
ID-300 20 cm (7.8 in)
ID-400 40 cm (15.7 in)



ANT611 Sensor Antenna

DIMENSIONS

165 mm x 50 mm dia.
(6.5 x 1.9 in. dia.)

WEIGHT

0.5 kg

ENVIRONMENT

IP 65

MATERIAL

Molded Polyurethane

READ RANGE(best)

ID-100 7 cm (2.8 in)
ID-200 16 cm (6.3 in)
ID-300 10 cm (4 in)
ID-400 25 cm (9.8 in)



ANT612 Panel Antenna

DIMENSIONS

405 mm x 405 mm x 35 mm
(15.9 x 15.9 x 1.5 in)

WEIGHT

4.5 kg

ENVIRONMENT

IP 40

MATERIAL

Polyurethane

READ RANGE(best)

ID-100 30 cm (11.8 in)
ID-200 45 cm (17.7 in)
ID-300 35 cm (13.7 in)
ID-400 75 cm (29.5 in)

OPTION

COV-612 Fiberglass cover designed to slip over the antenna for outdoor use.

LID650/ANT_{XXX}

ANT-612HP High Performance Panel

Antenna

DIMENSIONS (Antenna)

405 mm x 405 mm x 35 mm

(15.9 x 15.9 x 1.5 in.)

(Power Supply: HP only)

199 mm x 155 mm x 62.2 mm

(7.8 in. x 6.2 in. x 2.4 in.)

WEIGHT

4.5 kg

ENVIRONMENT

IP 40

MATERIAL

Polyurethane

READ RANGE(best)

ID-100 38 cm (15 in.)

ID-200 55 cm (21.6 in.)

ID-300 45 cm (17 in.)

ID-400 85 cm (33.4 in.)

OPTION

COV-612 Fiberglass cover designed to slip over the antenna for outdoor use.

