



PASS BY READERS

PB-3024 Integrated Livestock Reader*

The PB-3024 Livestock Reader is part of a fully integrated system for electronic livestock identification. It ensures easy, fully automatic identification of animals. In normal operation, the reader emits a low frequency magnetic field via its antenna. When an animal with a TROVAN transponder is passed within range, the transponder is read. The ID number can be sent immediately to the computer or stored for dumping at a later time. Once fed into the computer, the ID can be used to update the herd management records.

The reader has been ruggedised for use in the most demanding environments. It features superior read distance and accuracy, unmatched scan coverage area, faster read speed and the ability to read in the presence of ferrous metals. The PB-3024 Livestock Reader has been fully integrated into a turnkey solution, which incorporates TRU-Test Scales SR2000 electronic scale; and the Bowman Farm Systems Cattle Pro Software. It is designed for use by livestock ranching operations, feed lots, shipping companies, slaughter facility and, regulatory agencies.

The reader has a modular design: the reader antenna assembly and reader control assembly are packaged separately. As mentioned above, the SR2000 scale head and PC running Cattle Pro software can optionally be included to yield a turnkey solution. All the units can be placed up to 50 feet apart. The modular design facilitates system installation and repair by modular replacement. The reader and scale components of the system are weatherized. The reader control assembly is also heated to provide a wider low-temperature operating range than normally available in commercial electronic equipment.

DIMENSIONS

Length:	61 cm (24 in.)
Width:	71.1 cm (36 in.)
Depth:	10.2 cm (4 in)

WEIGHT

Power/controller	20 lbs.
Antenna	50 lbs.

POWER SUPPLY

110/220 VAC, 50-60 Hz

DISPLAY

LCD,

INDICATORS

Acoustical and Visual Read/No Read Indicator

INTERFACE

RS232, 9 pin connection

OPERATING FREQUENCY

128 KHz

ENVIRONMENT

Water Resistant

OPERATING TEMPERATURE

0°C to 48.9°C (32°F to 120°F)

READ RANGE

ID-100	30 cm (13-18 in)
ID-200	68 cm (22-30 in)
ID-300	46 cm (15-22 in)