

ARE D2/AAN PT



- Designed especially for livestock identification.
- Mount at cattle chutes, sheep races etc.
- IP 65 rated
- Rugged, ABS- and UV-resistant housing

[®]
Flow

ARED2/AANPT

The ARE D2 FDX-B Decoder is a heavy-duty decoder designed to drive AAN PT-series antennas. The AAN PT series antennas are especially suited for fixed-mounted livestock applications. They can be mounted in cattle chutes or sheep races and are optimized for detecting FDX-B type and HDX type RFID ear tags on the fly.



ARED2 FDX-B DECODER

DIMENSIONS

260 x 160 x 95 mm
(10.2 x 6.3 x 3.7 in.)

WEIGHT

2.2 kg. (4.8 lbs)

INTERFACE

ARED2/RS232 RS232
ARED2/485 RS485
ARED2/USB USB

SOFTWARE

Easy serial ASCII-based control protocol

PROTOCOL

ISO 11784/85 compliant.
Reads FDX-B and HDX ear tags and bolus

POWER SUPPLY

24 vdc (18 - 30 vdc)
12 vdc optional

ENVIRONMENT

IP65

OPERATING TEMPERATURE

-20°C to +70°C (-4°F to +158°F)

MATERIAL:

Aluminum Die Cast

OUTPUTS

2 ea. digital relay outputs

OPTIONAL

4-channel multiplexer.

ARED2AANPT



AAN PT LIVESTOCK PANEL ANTENNAS

DIMENSIONS

1360 x 904 x 40 mm
(53.5 x 37 x 1.5 in.)

WEIGHT

16 kg (35.2 lbs)

OPERATING FREQUENCY

134.2 kHz (± 6 kHz)

ENVIRONMENT

IP65

OPERATING TEMPERATURE

-20°C to +70°C (-4°F to +158°F)

MATERIAL

ABS, UV-resistant

TYPICAL CURRENT CONSUMPTION

(w/ARED2 decoder) 24 V /0.9 A

CABLE LENGTH (CABLE AVAILABLE SEPARATELY)

up to 5 meters

VERSIONS

AAN PT9S

Square single antenna for cattle identification applications.

AAN PT9G

Square antenna for cattle and sheep applications. 2 antennas required.

AAN PS9

Figure-8 shaped antenna for sheep applications.