

PANEL ANTENNAS

LIVESTOCK RADIO-FREQUENCY IDENTIFICATION (RFID) PANEL ANTENNAS

DESCRIPTION

All purpose, water-resistant panel antennas will scan all ISO-compliant radio-frequency identification (RFID) tag technologies when used with a Destron Fearing™ reader. Made of industrial grade polycarbonate, each antenna is designed to withstand environmental extremes, clean easily and read consistently.

PRODUCT FEATURES

- Scans all ISO-compliant tags (FDX-B and HDX)
- Superior read range
- Safe for human exposure
- High strength, vacuum formed polycarbonate casing
- -22° to 122° F (-30° to 50° C) temperature range
- FCC and IC approved

ADVANTAGES

- Will scan all ISO-compliant microchips/tag technologies (11784 / 11785).
- Each antenna provides superior read range capabilities with variations depending on environment:
 - Small Antenna scans tag numbers from up to 3 feet (0.9 m)
 - Large Antenna scans tag numbers from up to 4 feet (1.2 m)
- Designed to work with Destron Fearing readers, including the Axiz SB-1™.
- Rugged, dust-proof and water-resistant industrial grade construction is designed to perform reliably in harsh conditions, including temperature ranges of -22° to 122° F (-30° to 50° C).
- Antennas meet human exposure safety levels under IEEE STD C95.1 (1999 Edition) as well as have an environmental rating of IP67.
- Industrial grade polycarbonate casing can withstand high-pressure washer systems and common disinfectant/cleaning solutions.
- Installation can be facilitated by pre-drilled mounting holes.
- One-year warranty.



PRODUCT SPECIFICATIONS

SMALL PANEL ANTENNA

CONSTRUCTION	Industrial grade polycarbonate
DIMENSIONS	23" L x 17½" W x 1¼" D (58.5 cm x 44.5 cm x 3.2 cm)
WEIGHT	8 lbs (3.6 kg)
APPROVALS	IEEE STD C95.1 (1999); IP67
FREQUENCY	ISO 134.2 kHz
READ RANGE	3 feet (0.9 m) at optimal orientation. User environment may affect read range.
OPERATING TEMPERATURE RANGE	-22° to 122° F (-30° to 50° C)

LARGE PANEL ANTENNA

CONSTRUCTION	Industrial grade polycarbonate
DIMENSIONS	44" L x 28" W x 1¼" D (112 cm x 71 cm x 3.2 cm)
WEIGHT	24 lbs (10.9 kg)
APPROVALS	IEEE STD C95.1 (1999); IP67
FREQUENCY	ISO 134.2 kHz
READ RANGE	4 feet (1.2 m) at optimal orientation. User environment may affect read range.
OPERATING TEMPERATURE RANGE	-22° to 122° F (-30° to 50° C)

ACCESSORIES

ITEM	PRODUCT NUMBER
Axiz SB-1 Reader w/ AC Power Source	AXIZSB-1-00
Axiz SB-1 Reader w/ DC Power Source	AXIZSB-1-05

WARRANTY

Panel antennas are warranted for one year from the date of purchase against defects in materials and workmanship when used as directed. Use of the antennas for functions other than RFID tag scanning may permanently damage the components and void the warranty. See official warranty statements in product manuals for full details.

PACKAGING SPECIFICATIONS

Item	Product Number	# Packages Per Carton	Carton Dimensions	Carton Weight
Small Panel Antenna	AN4110	1	32" L x 22" W x 5" D (81.3 cm x 55.9 cm x 12.7 cm)	14 lbs (6.4 kg)
Large Panel Antenna	AN4250	1	47" L x 32" W x 5" D (119.4 cm x 81.3 cm x 12.7 cm)	30 lbs (13.6 kg)