



Yagi Antenna

Description

The Yagi Directional Antenna from AXCESS Inc. is a high performance long range receiver antenna that is connected to the receiver to pick up tag transmissions at long ranges up to 500 feet depending on environmental conditions. Unlike the antennas used for waking up the tag, the Yagi antenna is a listening antenna used to pick up the 315MHz transmission signal from the Tag.



The Yagi antenna is best suited for rugged applications requiring high speed, long range transmissions such as gate portals, race timing, and yard management.

The Yagi antennas are unsurpassed in their price to performance ratio. All models feature rugged 6061-T6 seamless aluminum construction, stainless steel hardware, and through boom mounting of all elements for years of reliable service. Elements are DC grounded to the boom. The Yagi antenna can be mounted in either the horizontal or vertical direction to best align to the tag orientation.

Features

Long Read Range - provides read range up to 500 feet directly to receiver.

Multi-directional - antenna can be mounted in either horizontal or vertical directions to provide best coverage and signal strength.

Robust Construction - can survive winds up to 100 miles per hour. Constructed with stainless steel hardware.

Functional Linkage - supports multiple tags in the field to allow for linking assets to authorized personnel or vehicles.

Specifications AT-132Y	
Mounting:	MYK1 standard mast mount MYK2 mast mount for 12 element
Weight	1.5 lbs
Dimensions	Boom Diameter 7/8"; Boom Length 23"; Elements 3; Equivalent Flat Plate Area .17 sq ft
Frequency	315 MHz
Power	300 Watts
Read Range	300 to 500 feet*
Operating Temperature:	-40° to + 185° F -40° to + 85° C
Connector	Female BNC connector

* Operating range depends on environmental factors, tag alignment and power requirements.