

PROCYON

High Performance Integrated Reader

Highlights

- Full Featured, All Weather Reader
- Linux Operating System
- Embedded Software Support
- Ruggedized, Industrial Grade Design
- FCC Compliant



PROCYON is a ground breaking reader with unique features and capabilities. It is a high performance, all weather rated, integrated RFID reader with a variety of performance and antenna options.

PROCYON provides the power and flexibility to develop and implement reliable systems using passive (EPC Class 1 Gen 2 / ISO 18000-6C) tags. PROCYON is fully compliant with FCC regulations and is a listed product.

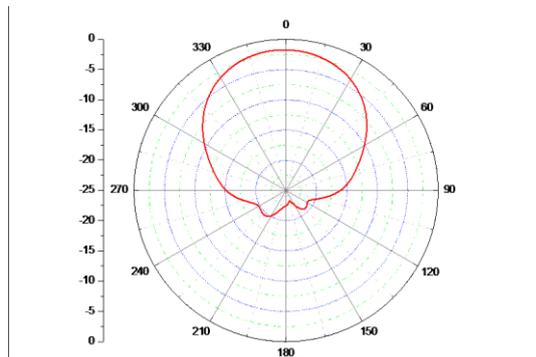
Specifications	
Dimensions	8.5" x 8.5" x 4.75" (8dbi Model) 17.75" x 17.75" x 5.5" (12dbi Model)
Weight	3.75 lbs. (8dbi Model) 5.0 lbs. (12dbi Model)
IP Rating	67
Protocol	ISO 18000-6C / EPC C1G2 Alien Custom Command - Block Read Lock NXP Custom Command - EAS
Communication	Ethernet (RJ45), Serial (RS-232), Wiegand (Standard) BlueTooth, WiFi, USB (optional)
GPIO	2 IN, 2 OUT
Frequency Range	FCC: 902 - 928 MHz
RF Output Power	10 - 30 dBm, 1 dBm steps
FLASH / RAM	8 GB / 256 MB
Operating Temperature	-4°F to 158°F
Storage Temperature	-40°F to 185°F
Power Supply	5V, max 1.5A through PoE IEEE 802.3af
Compliance	FCC, CE
FCC Identifiers	A2BIRUPOE-07-30DB (8dbi) A2BIRUPOE-12-30DB (12dbi)
Visual Indicators	Reader Status LED
Accessories	Industrial Grade GPIO Cable



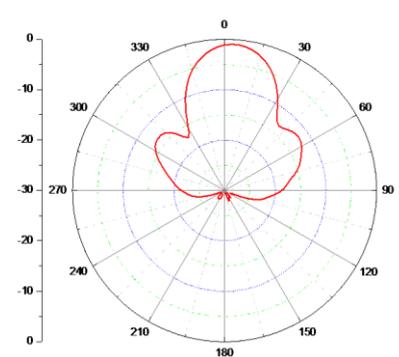
Antenna Options		
RHCP (8dbi)	Polarization	Linear or RHCP (12dbi)
902 - 928 MHz	Frequency	902 - 928 MHz
90°	H Beam Width	40°
90°	V Beam Width	40°
UV Protected ABS	Material	UV Protected ABS
134 mph	Rated Wind Velocity	134 mph
Ø1.6"~Ø2.4"	Mounting Ø	Ø1.6"~Ø2.4"

Applications

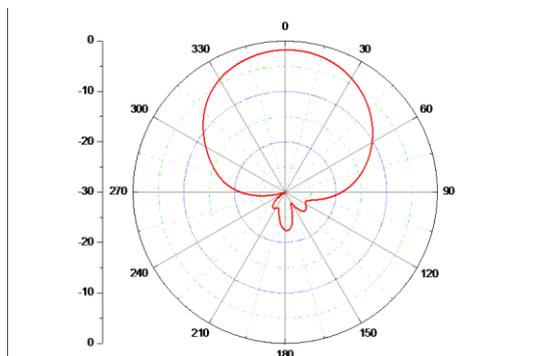
- Electronic Toll Collection
- Parking Lots
- Gated Communities & Other Multi-Family Housing
- Warehouse & Dock Management
- Logistics & Transportation
- Supply Chain Management



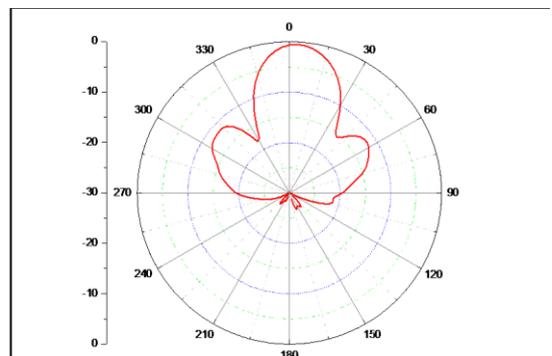
H Plane



H Plane



E Plane



E Plane

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