

SP2000 PROCYON

High-Performance Integrated UHF RFID Reader

HIGHLIGHTS

- Full Featured, All-Weather Reader
- Linux Operating System
- Embedded Software Support
- Ruggedized for Harsh Environment
- Industrial-Grade Design
- Gen2V2 support
- Text Stream Interface (TSI)

Product Description

Procyon is a high-performance, all-weather integrated UHF RFID reader with a rich feature set. With Gen2V2 support, Procyon provides the power and full flexibility to develop and implement systems using passive, open standard - EPC Class1 Gen2/ISO18000-6C/63, RAIN RFID, GEN2V2 tags. Procyon simplifies programming with its Web Interface, easily allowing the user to interface with a laptop computer. Alternatively, the user can utilize the Text-Stream Interface (TSI) to issue commands directly to the reader. TSI also has the ability to support multiple languages and custom-command emulations.



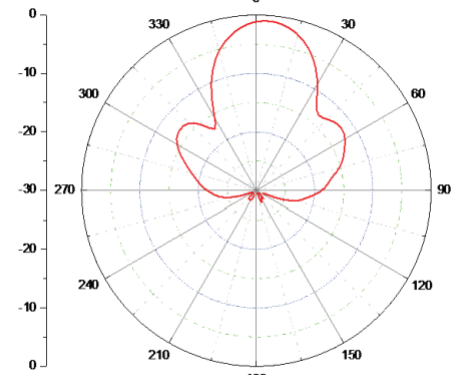
SPECIFICATIONS

Physical Dimensions	450 x 450 x 82 mm (17.72 x 17.72 x 3.23")
Weight	3.8kg (8.38lbs)
RFID Protocol	ISO 18000-6C/63 - EPC C1G2 Alien H3 (Block-Read-Lock) NXP UCODE G2iL (EAS) NXP UCODE DNA (AES) FCC : 920 - 928 MHz
Frequency Range	
Connectivity Communication	Gigabit Ethernet (RJ45)
GPIO	2 IN, 2 OUT
RF Output Power	10 - 30 dBm, 1 dBm steps
Power Supply	48VDC, PoE IEEE 802.3AF
Environment Requirement	
Operating Temperature	-20°C to +70°C (-4°F to +158°F)
Storage Temperature	-40°C to +85°C (-40°F to +185°F)
IP Rating	IP67
Hardware and Software	
CPU	Dual Core ARM7 Cortex-A9
FLASH/RAM	4 GB eMMC/2 GB
Compliance	FCC, ETSI, RoHS, WEEE
Optional SD Card	SDXC, up to 2TB
Visual Indicators	Reader Status LED

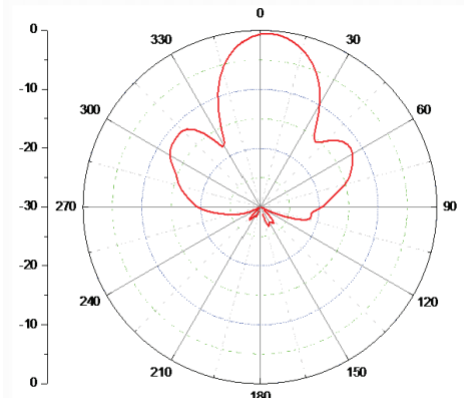
RADIATION PATTERN

Polarization 12 dBi Linear

Beam Width H : 40° V : 40°



H Plane



E Plane

This product is available in exclusively through:

InfinityRFID, Inc.

www.infinityRFIDinc.com

818-923-5132