Key Benefits

- Full IP, with power-over-Ethernet
- Plug-and-use technology
- Parallel processing and load balancing
- Full system redundancy
- Linux OS
- Front control panel display
- Auto-configured host
- IT network standards
- HID® and/or Mifare® technology
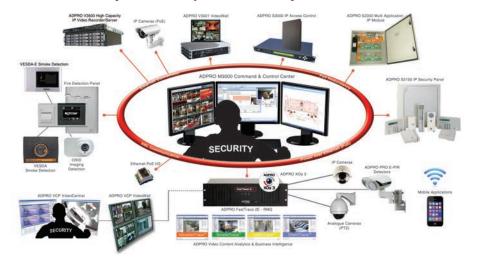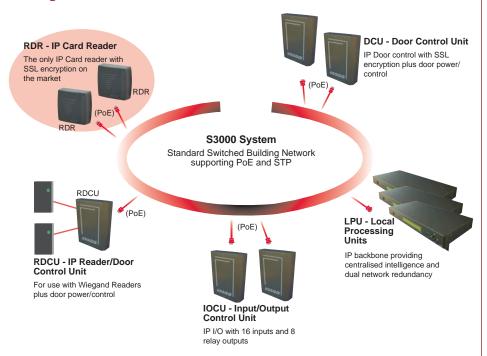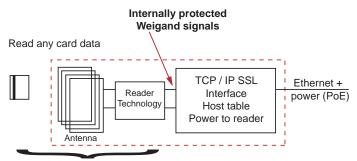- Spanning Tree Protocol
- Internal fail safe control

Description

The RDR IP reader is one of several network devices that make up the S3000 Access Control system taking full advantage of the existing IT network infrastructure and low cost structured cabling system (CAT5e or CAT6).

The RDR is an IP proximity card reader with built-in HID® and/or Mifare® technology. It supports plug-and-use technology, Power-over-Ethernet, strong encrypted TCP/IP communication (SSL), and automatic IP assignment (via LPU).

The S3000 access control system is fully interoperable with the Xtralis 3000 Series family of products, including the FastTrace 2/2E for video and audio recording and transmission, the V3500 for mass storage and archiving, and the V3001 for video wall applications.

Xtralis Security Solution product family

Configuration

RDR - IP Card Reader

The only IP Card reader with SSL encryption on the market

RDR

(PoE)

RDR

DCU - Door Control Unit

IP Door control with SSL encryption plus door power/control

(PoE)

S3000 System
Standard Switched Building Network supporting PoE and STP

RDCU

(PoE)

RDCU - IP Reader/Door Control Unit

For use with Wiegand Readers plus door power/control

(PoE)

LPU - Local Processing Units

IP backbone providing centralised intelligence and dual network redundancy

IOCU - Input/Output Control Unit

IP I/O with 16 inputs and 8 relay outputs

Block Diagram

Internally protected Weigand signals

Read any card data

Antenna

Reader Technology

TCP / IP SSL Interface
Host table
Power to reader

Ethernet + power (PoE)

HID® 125 KHz, Idesco Mifare® 13.56 MHz, Deister Magiprox® 125 KHz + 13.56 MHz

Specifications

Card compatibility	HID® 125 Khz / Mifare® 13.56 MHz technology
Reading distance	HID® +/- 1.2" (30 mm), Mifare®: +/- 20 mm (0.75")
Connection / Indicators	• 10/100 BaseT (Rj45 CAT5e or CAT6) IEEE 802.3af PoE compliant • Multicoloured LEDs (ready/busy/error), Buzzer
Protocol	Strong encrypted (SSL) TCP/IP, DHCP, ARP, ICMP, SSH, IPv4, IPv6 ready
Operational modes	• Intelligent access control proximity reader • Database on Local Processing Unit(s) • Redundancy by multiple LPU's
Software	M3000: Windows-based security management software
Housing	• Dimensions (HxWxD): 130 mm x 120 mm x 40 mm (5.1"x 4.7"x 1.6") - Indoor • Colour: RAL 7016 • Weight: 0.285 kg (0.63 lbs) • IP44
Power supply	Powered over Ethernet (IEEE 802.3af PoE) Max 12 Watt
Temperature – Humidity	Operational temperature: 0 - 40°C (32 – 104°F) 0 - 95% RH non-condensing
Product code	• S3000 RDR IP Proximity card reader HID® 125 KHz Part number: 09003101 • S3000 RDR IP Proximity card reader Mifare® 13.56 MHz Part number: 09003102 • S3000 RDR IP Proximity card reader HID® /Mifare® Part number: 09003103

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