

# Xtralis Integrated Security and Access Control S3000 RDR

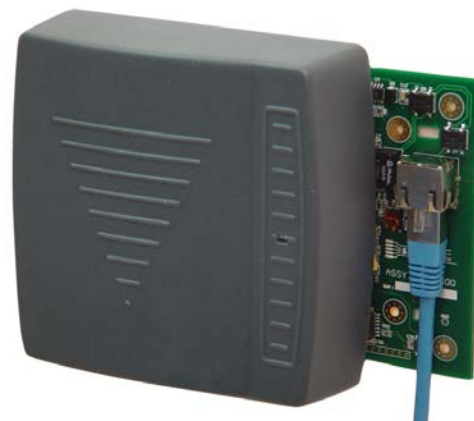
IP Reader

## Description

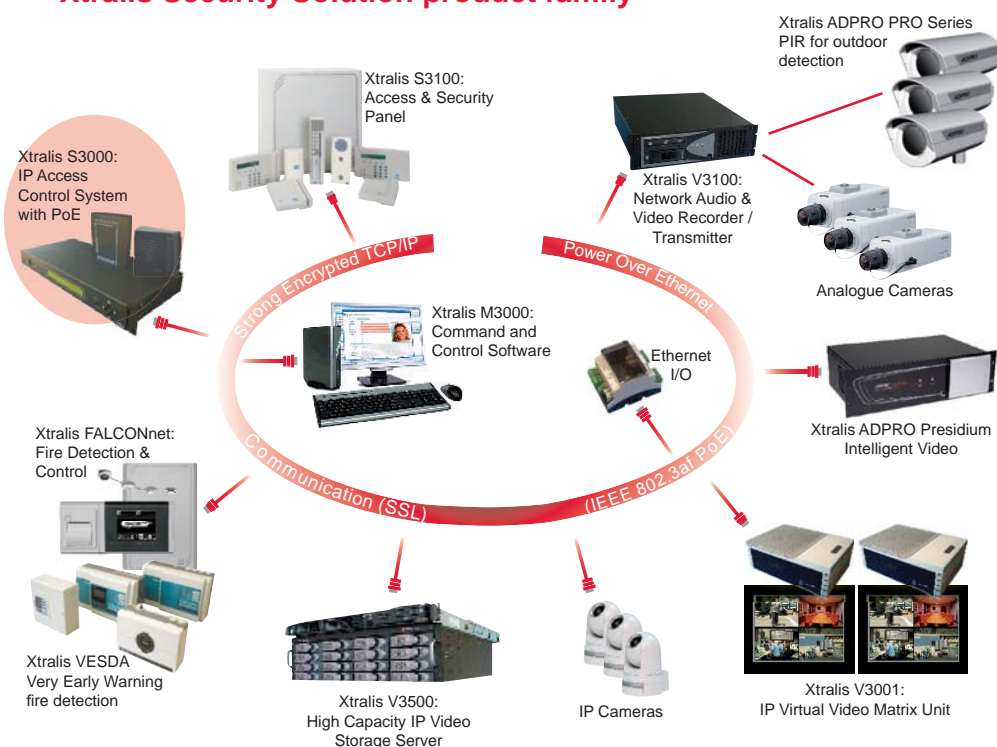
The RDR IP reader is one of several network devices that make up the S3000 Access Control system taking full advantage of the existing IT network infrastructure and low cost structured cabling system (CAT5e or CAT6).

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 V3100 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



## 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



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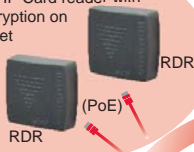
# Xtralis Integrated Security and Access Control S3000 RDR

IP Reader

## Configuration

### RDR - IP Card Reader

The only IP Card reader with SSL encryption on the market

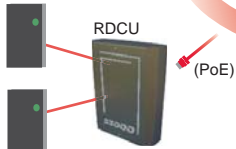


### DCU - Door Control Unit

IP Door control with SSL encryption plus door power/control

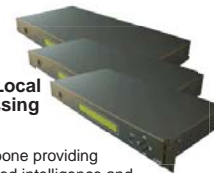


**S3000 System**  
Standard Switched Building Network supporting PoE and STP



### RDCU - IP Reader/Door Control Unit

For use with Weigand Readers plus door power/control



### LPU - Local Processing Units

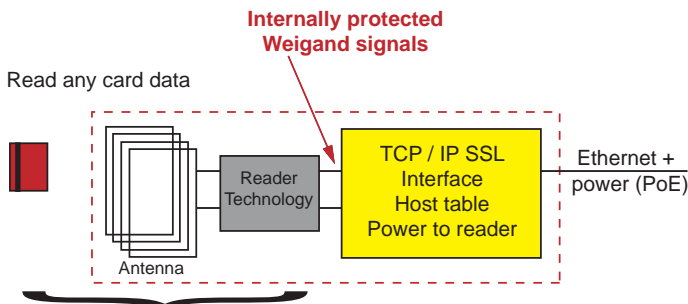
IP backbone providing centralised intelligence and dual network redundancy



### IOCU - Input/Output Control Unit

IP I/O with 16 inputs and 8 relay outputs

## Wiring Diagram



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

## Specifications

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

www.xtralis.com

The Americas +1 781 740 2223 Asia +852 2916 9976 Australia and New Zealand +61 3 9936 7000  
Continental Europe +32 56 24 1951 UK and the Middle East +44 1442 242 330

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