

**UniXs**  
**3S**

Intelligent access control device with rich specifications.



## UniXs 3S



1 DOOR/2 READER  
CONTROLLER



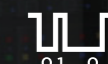
32 BIT, 200 MHz  
PROCESSOR



32GB  
DATA FLASH



COMPACT  
DESIGN



WIEGAND/OSDP  
INTERFACE



FULLY  
PROGRAMMABLE I/O's



BUILT IN 10/100 MBPS  
ETHERNET



RS485 PORTS  
(OSDP SUPPORT)



SUPPORTS HTTP, FTP,  
SNMP, NTP, SSL



INBUILT  
WIFI

## Key Features

### ► Single Door / Two Reader Controller

UniXs 3S is a versatile access controller and supports 1 doors or 2 doors using 2 access readers. The controller can be configured as standalone / Master or Slave. The controller supports host of other rule based features including global anti pass back.

### ► Data Communication and Protocols

The controller supports popular communication interfaces viz 10/100 mbps ethernet, RS485 (OSDP support). Master/Slave configuration can be implemented over any of these interfaces. In addition, it supports multiple protocols such as HTTP, SNMP, FTP, SSL & NTP. It also supports MODBUS protocol over ethernet for integration with third party devices and software.

### ► High Speed Controller with Large Memory

The controller has high speed 32 bit processor and has a large storage of 32GB. It has a capacity to store 250,000 card holder database and last 500,000 event buffer. The high speed processor facilitates access decisions in milliseconds.

### ► Fully Programmable I/O's

The Controller has 6 Optically isolated digital inputs. All are configurable. Either as general purpose input or door sensors or egress switch inputs. Also the controller has 6 general purpose outputs. Configurable either as lock control or extra signals. The general purpose outputs are available as potential free contacts.

### ► Configurable Reader Interface

The reader interface is configurable. The controller also supports legacy clock/ data interface in addition to more popular weigand interface. The weigand interface is configurable from 24 to 255 bits.

### ► Compact Design

The controller size is very compact with respect to the number of interfaces. Also it has field pluggable connectors which helps in ease of wiring and termination. The controller is housed in powder coated MS cabinet along with rugged 5 amp power supply. All the reader ports are current limited there by ensuring that the controller doesn't go down even when any of the port is sorted or malfunctioning.

### ► Field Upgradable Software

Facility to onsite update device software through ethernet interface. The product updates can easily be applied without the need of removing device and sending it back to the service center.

**HARDWARE**

CPU	32 bit microcontroller running at 200 MHz
Memory	32GB data flash, 256KB RAM
Database	250,000 user database
Transactions	500,000 time stamped events storage capacity
RTC	Non volatile real time clock calendar, data retention for 10 years without external power
Audio	Inbuilt buzzer
Ethernet	10/100 Base-T RJ45 ethernet interface
PoE	25.5Watt, IEEE 802.3
WiFi	Inbuilt WiFi 802.11 b/g/n (2.4Ghz), Encryption : WEP Security : WPA/WPA2-Personal
Serial Port	Two RS485 port (OSDP support)
Protocols	Supports TCP/IP IPv4 & IPv6, SNMP, HTTP, FTP, NTP & SSL
Reader Supported	Wiegand, Open Supervised Device Protocol (OSDP)
Reader Interface	Weigand configurable from 26 bits to 255 bits / clock data
Reader Ports	2 reader input, each with reader tamper input, LED control and buzzer control output
Digital Inputs	6 optically isolated general purpose input (GPI)
Digital Outputs	6 general purpose output (GPO), potential free changeover relay, contact rating 3A/30VDC
Watchdog	Inbuilt watchdog supervisor
Supply Requirement	12VDC / 2A switch mode supply
Power	Less than 5 watt
Operating Temp.	-15 to 55°C
Humidity	RH 5 to 95% non-condensing
Weight	250 grams
Dimensions (mm)	L 180.43 x W 86.2 x D 28

Technical specifications may be changed from time to time without any prior notice due to continuous enhancements in the product.



**Head Office**

**Spectra Technovision (India) Pvt. Ltd.**  
707-708-709, Venus Atlantis Corporate Park,  
Prahladnagar, Ahmedabad-380015 India.

+91 79 44111222 | sales@spectra-vision.com

**Branch Offices**

Mumbai | +91 22 44111222  
Bangalore | +91 80 44111222  
Gurgaon | +91 12 44111222

