




UniStamp **3S**

Elegant and power packed access control device with top notch, best in class features.



UniStamp 3S


2.8"
COLOUR TFT



32 BIT, 200 MHz
PROCESSOR


16GB
DATA FLASH


MULTIPLE RFID
TECHNOLOGIES


ULTRA SLEEK
DESIGN


IPv6 READY
(POE SUPPORTED)


IP65 RATED
HOUSING


INBUILT
WIFI


FIELD UPGRADABLE
SOFTWARE


TAMPER
DETECTION

Key Features

► Standalone Access Controller

The device is not just an RFID reader, it also stores database and makes access decisions depending on the programmed rules. The display is interactive showing user photograph and other messages and can also be personalised by adding company logo.

► IP65 Weatherproof Housing

Product enclosure is designed to meet IP65 standard of protection. This gives complete protection from dust particles, rainwater, airborne pollutants and such other environmental threats.

► High Speed Controller with Large Memory

The device has high-speed 32-bit controller and large data storage of 16GB. It has a capacity to store 250,000 users and last 500,000 transactions events.

► Field Upgradable Software

Facility to onsite update device software over Ethernet interface or WiFi. Product firmware updates can easily be applied without the need of removing the device and sending it to the service center.

► Data Communication

The device has built-in 10/100 base-T Ethernet interface with support of IPv4/IPv6 protocol. It also has built-in WiFi interface for seamless communication with the application server. In addition it also supports host of protocols such as FTP, HTTP, NTP, SNMP & SSL

► Bluetooth Enabled Access

The device, in addition of RFID tags, also supports Spectra Bluetooth mobile tags. One can access doors by simply performing the Shake and Go action on mobile. It is safe and convenient way to access the doors.

► Multiple RFID Technologies

Supports popular RFID technologies with inbuilt EM reader and option of having Mifare, HID iClass and HID Prox readers.

► Tamper Detection

It offers security and generates alarms in case someone tries to remove a mounted device. The alarm can actuate a ringer or can notify the security operator on the software interface.

HARDWARE

CPU	32 bit Microcontroller running at 200 MHz
Memory	16GB Data flash, 2MB RAM
Card Reader Support	Inbuilt EM reader** (optional Mifare , HID Prox**, HID iClass reader)
Database	250,000 user database,
Transactions	500,000 Time stamped events storage capacity
Authentication Mode	Configurable mode : Only Card,Card + PIN
RTC	Non volatile real time clock calendar, Data retention for 10 years without external power
Display	2.8" Color TFT, Resolution 320 x 240 pixels
Touchpad	Capacitive touchpad
Audio	Inbuilt piezo buzzer
Ethernet	10/100 Base-T RJ45 ethernet interface
POE	13W,IEEE 802.3af
WiFi	Inbuilt WiFi 802.11 b/g/n (2.4Ghz), Encryption : WEP Security : WPA/WPA2-Personal
Bluetooth	Mobile access support over bluetooth Smart (v5.0)
Protocols	Supports TCP/IP IPv4 & IPv6, FTP, HTTP, NTP, SNMP & SSL
Reader Interface	Weigand configurable from 26 to 255 bits/Clock Data
Lock Interface	One potential free changeover relay, contact rating 3A/30VDC
Aux Reader Port	One weigand port is available can be used as weigand IN or weigand OUT, configurable
Digital Inputs	Optically isolated one input for exit switch & one general purpose input (GPI)
Digital Outputs	One general purpose output (GPO) TTL level
Door Sensor	Optically isolated input for one door sensor
Tamper Detect	3 axis accelerometer for tamper detection
Watchdog	Inbuilt watchdog supervisor
Supply Requirement	Regulated 12V DC/1A
Power	3.5 watt max.
Enclosure	IP65 rated weatherproof ABS-PC housing with sleek aesthetics
Operating Temp.	-15 to 55°C
Humidity	RH 5 to 95% Non-Condensing
Weight	190 grams
Dimensions (mm)	H 168.10 x W 63.71 x D 33.46

** EM Prox - 125KHz (4100, 4102, 4200) and HID Prox - 125KHz (ProxCard II)

† Mifare - 13.56MHz (Mifare 1K/4K, DesFire, DesFire EV1) and iClass - 13.56MHz (iClass 16k/32k)

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



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