

Designed, Manufactured and Supported by JWS in Great Britain

## Your Access Control, your choice of device...



Simply connect your Navigator IP Door Controller directly to your PC / Laptop or via your Local Area Network (LAN) for additional Tablet and Smartphone wireless connectivity\*

Navigator IP is a fully featured Two Door Access Control Unit supplied boxed with integral 12v DC 2.5A lock power supply



- Browser based Access Control with in-built Web Server
- PC, tablet or smartphone compatible
- No software installation or purchase required!
- Easy, straightforward setup
- Full Door, Auxiliary and Event control
- Up to 200 doors and 10,000 users
- Assisted Access / DDA Automatic Door Control
- Break glass monitoring, Email System, Alerts & Events
- Cause & Effect Relationships
- Automatic Events Backup by Email Feature
- Mini Events Windows & Live icon feedback
- Priority Controller Views (In/Visible via Browser)
- Full Database Import / Backup / Restore
- Two doors per controller
- Complete with a 12v DC 4.3A power supply
- Standalone or networked via RS485 and / or Ethernet
- Supports most popular Reader Technologies
- Flash Upgradable Firmware
- Full Support by the manufacturer (JWS)



JWS recommend Internet Explorer!

\* Assuming you have a Wireless LAN

## Features

### Reports

Generate reports on the fly to see who went where and when!



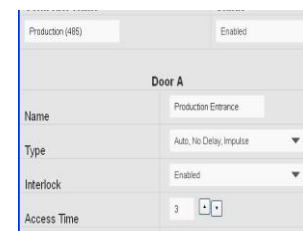
### Emails

Keep up to date with System and User events as they happen.



### DDA Assisted Access

The selectable 'per User' Assisted Access feature allows you to unlock and impulse an Automatic Door operator (four different settings with time delay and exit control).



# Specification

## PCB Dimensions – for Easy Upgrade

The Navigator IP PCB is the same size and mounting pillar foot print as the M5, S1 and Sprint PCB at 168 x 125mm. It also has the same. This allows utilisation of the existing cabinet if required.

## Electrical

Input Voltage	12v 4.3A (via Switch Mode PSU supplied)
PCB Current Consumption	250mA
Lock Supply	12v DC 2.5A (2 x 1.25A per controller)
On board Battery Charge Circuit	Yes

Doors per Access Control Unit or ACU) 2	
Max Doors per Network	200 (100 Controllers)
Number of card holders	10000
Block Programming via Site Codes	Yes
Readers per controller	4 (1x Entry / 1 Exit per door)
User Categories, Door Groups, Time zones	64
Managers	16
Relationships (Cause & Effect I/O)	16
Holidays	32
Number of events stored on Master	20,000
(Backup manually and / or by Automated Scheduled emails)	
Data retention during power loss	1 year
DDA Assisted Access	Normal + 4 x Auto Door Impulse / Delay Settings
Full Database Import / Backup / Restore	Navigator IP CSV (Microsoft Excel etc.)



## Cabinet

Height 280mm (h) x 230 mm (w) x 85mm (Inc. mounting feet)  
Allows fitment of 12vDC 7.0Ahr Sealed Lead Acid battery

## Reader Compatibility

Clock & Data	Entry and Exit	Wiegand 26 and 32 bit	Entry Only
Available Reader Types	Most popular Reader Technologies		

## Inputs & Outputs

Lock Relay (1 per door)	28v DC 10A Compatible with Fail Safe and Secure locking devices		
Aux Relay Outputs (2 per door)	12v DC 1A	Aux Inputs (2 per door)	Volt free (NO or NC)
RTE Exit button input	Yes	Door contact input	Yes
Monitored Break Glass Input	Yes	Cabinet Tamper	Yes (Optical)
Interlock	Yes	Automatic Daylight Saving	Yes
Battery Self-Test	Yes (Daily)	Mains Monitoring	Yes

## Connectivity

Master (with built in Web Server)	IP (Static IP recommended but DHCP is supported)
LAN SLAVE	LAN (UDP with Static IP or DHCP addresses)
485 SLAVE	485 (wired via the Master)
Telnet	Yes (Master and LAN Slaves)
Flash upgrade of units	Yes (Master and LAN Slaves)
Email	Yes (via relationships e.g. Break glass activated / Door left open)
Recommended Browser	Internet Explorer 11 and above

## Available Add-ons

### Navigator IP WiFi Module



### Audio Entry with Proximity Reader



### Audio Entry with PIN & Proximity Reader



## Compliance

Meets the essential requirements of the following European Directives: Low Voltage 2006/95/EC  
EMC 2004/108/EC WEEE 2002/96/EC RoHS 2002/95/EC **Navigator IP Flyer v2.4** © JWS 2016