Security Hub for Smart Control

ingressus Controllers
Centralization of Access Control Devices Made Easy

Ingressus I   Ingressus II   Ingressus IV

Fingerprint   Pin Code   Key Tag

The Ingressus series controller supports access control for a 1-door (Ingressus I), 2-doors (Ingressus II) and 4-doors (Ingressus IV) environment. Users verify their identities at the relevant Wiegand or RS485 terminals readers by fingerprint, password or any combination during entry and exit. The Ingressus controllers verify users' identities before granting them access. Transaction records are saved into its inbuilt memory and the records are sent to the software immediately for further processing.

Once multiple Ingressus controllers are set up, they can be centralized via IP connection in a computer installed with the bundled Ingress software. Each Ingressus controller works independently at its access point; however the data is centralized from all Ingressus controllers to give a better and complete picture of the environment's security level.

Powered by
ingress
software

2 YEARS
LIMITED WARRANTY
28 Months
for Reseller

Surge Protection
Ingressus provides 3 types of extra protection for your security hardware i.e. Over Current Protection, Over Voltage Protection and Reversal Protection; extending the life-span of your products.
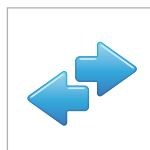
Get Flexibility with Ingressus
Ingressus supports several different Wiegand formats, providing you with flexibility for your security system.

Real-Time Door Status & Event Monitoring
With the real-time door status & event monitoring, door opening and door closing activities can be supervised at all times.

Inputs & Outputs
Support up to 4 terminals, inputs and outputs. Centralize all devices under one system for a better and complete picture of the environment's security level.
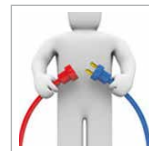
Antipassback Feature for Extra Security
Important in a security system, this feature is to ensure that no single person leaves a premise untraced.

Duress Mode for Emergencies
Ingressus is equipped with a duress mode to provide alternatives to users in an emergency.

Connect All Security Devices
Link all your security devices under one management, including CCTV, fire alarms, and building automation systems (BAS) for a total security solution.

Readily Available I/O Ports
For a complete security solution, the Ingressus provides readily available ports for alarms, sensors, exit buttons, and other security accessories.

Data Communication via IP
Ingressus offers easy data communication using the most commonly used protocols which are TCP/IP.

One Stop Verification
Ingressus doesn't only centralize devices, it also allows a centralized verification for an exceptional security no other brands can provide.

Secure Your Premise with the Interlock Function
One door opens, another closes – that's the logic of interlocking, providing you with tighter security.

SDK for Your Convenience
Integrate Ingressus into your existing access control software or develop your own customized software with our SDK, free of charge.

WEB LINK

Product
https://product.fingertec.com

Installation Guide
Technical Tips

Ingress Software
http://info.fingertec.com/ingress

INSTALLATION DIAGRAM

• Ingressus I

Aux. Relay Output
Electric Lock / Door Sensor
i-Kadex | or | R2c | R2c | or | k-Kadex

• Ingressus II

Aux. Digital Output
Aux. Relay Output
Electric Lock / Door Sensor / Electric Lock / Door Sensor
R2c | R2c | i-Kadex | k-Kadex

• Ingressus IV

Aux. Digital Output
Aux. Relay Output
Electric Lock / Door Sensor
R2c | Push Button | i-Kadex | Push Button | R2c | Push Button | i-Kadex | Push Button

• TCP/IP - Requires a switch/network hub

Switch

TCP/IP | TCP/IP | TCP/IP | TCP/IP

Server

Ingressus | Ingressus | Ingressus | Ingressus

RECOMMENDED FINGERTEC TERMINALS

R2c

Kadex +

i-Kadex

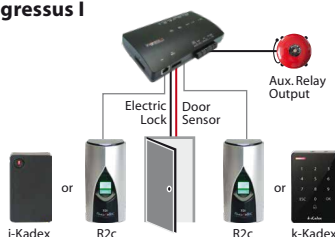*OFIS-z*
(Enrollment station)

Refer to product.fingertec.com

Packaging
Dimension (mm) : 246 (L) x 154 (W) x 55 (H)
Weight : 0.65 kg (Ingressus I)
: 0.65 kg (Ingressus II)
: 0.80 kg (Ingressus IV)

SPECIFICATIONS

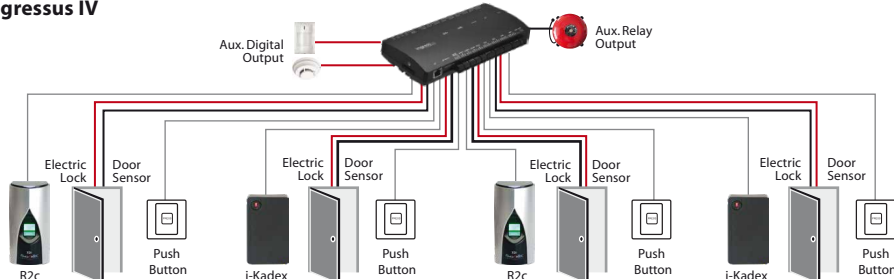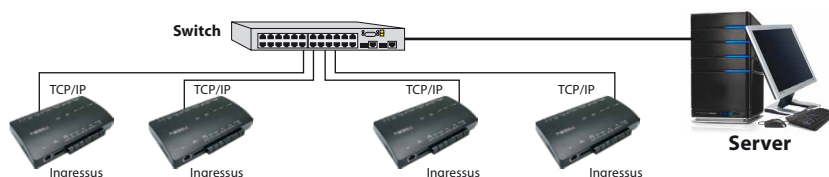| MODEL	Ingressus I	Ingressus II	Ingressus IV
BASIC			
Dimension (L X W X H), mm	186 x 106 x 36		226 x 106 x 36
Power input	12V DC		
Operating temperature (°C)	0 - 55		
Operating humidity (%)	10 - 80		
CPU	32-bit, 400MHz		
Flash memory (MB)	128		
SDRAM (MB)	32		
Polarity protection	Yes		
STORAGE			
Fingerprints	3000		
Passwords	30000		
Transactions	100000		
COMMUNICATIONS			
Communications with server	TCP/IP		
Quantity of terminal	2	4	4
Communication with terminals	2 x 26-bit Wiegand input. Each for 1 slave terminal (1 x RS485 input to support RS485 network) (max 2 units)	4 x 26-bit Wiegand input. Each for 1 slave terminal (1 x RS485 input to support RS 485 network) (max 4)	4 x 26-bit Wiegand input. Each for 1 slave terminal (1 x RS485 input to support RS 485 network) (max 8 units)
INPUT			
Push release button	1	2	4
Door sensor	1	2	4
AUX	1	2	4
Types of AUX input supported	Motion detector, passive DIR detector, curtain passive infrared detector, pet immunity PIR detector, two beam digital active infrared detector, heat detector		
OUTPUT			
Door lock (12VDC 10A form C relay)	1	2	4
AUX output (30VDC 2A form C relay)	1	2	4
Types of AUX output supported	Gas detector and compatible sensors, Piezo strobe siren, electronic siren		
ACCESS CONTROL FEATURES			
Main Features	Door opening time (0-999s), Inter-locking (Inggressus II & IV only), Anti-pass back (Local only), Time zone (50), Holiday time zone, Permanent door release/ lock time zone, Day light saving time zone, Continuous verification of users		
Security Features	Door force open alarm, Door open time out alarm, Fire linkage, Duress alarm, Door status and event (51 types)		
SOFTWARE			
Ingress	Bundled		

NOTE: Specifications are subject to change.

Authorized Reseller:

CE FC RoHS MADE IN MALAYSIA FOR THE WORLD

timeTec

www.timeteccloud.com

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