# IK-INC3 - INCEPTION KIT 3 SIFER READY - DATASHEET

## Overview

The Inception Kit IK-INC3 has been put together to aid security installers. The Inception controller has everything you require for a powerful security system that brings together intruder detection, access control, and automation with one easy to use web based hardware solution. Eight universal inputs are provided to connect intruder detection devices and there are four universal relay outputs which can be configured to control door locks, strobe lights, siren screamers or automation devices. The kit includes a 12V 7.0Ah high quality SLA battery and a low-profile enclosure supplied with a tamper switch and bracket to accommodate a fully enclosed, secured installation. Using the web interface installation, end user control is as simple as connecting a network cable to Inception (or use of the optional WiFi adapter) and using any web browser to navigate to Inception's web pages. For expansion, the Inception offers an RS-485 OSDP reader bus, for up to 8 SIFER smart card readers to be connected directly to the controller and an RS-485 LAN expansion port to connect external expansion modules.

## Features

### Inception Controller

- Built-in web interface
- 8 x universal zone inputs - expandable up to 512
- 4 x auxiliary relay outputs - expandable up to 512
- Manage up to 4 doors with the controller - expandable up to 128
- Manage up to 32 lift cars and 96 lift buttons
- Connect up to 8 SIFER readers to the controller - expandable up to 256
- Connect up to 64 Wiegand readers via SLAM's on the RS-485 LAN
- RJ45 - 10/100 ethernet port
- RS-485 sub-LAN port
- RS-485 reader-LAN port
- USB port for connection of WiFi adapter & T4000 alarm communicator
- Supports 10,000 users (firmware 2.0.0+)

### Low Profile Enclosure

- Cabinet dimensions: 252 (L) x 358 (W) x 85 (D) mm
- Tamper switch and bracket included
- Conduit access is provided by "punch out" holes in the top and bottom of the enclosure

| Kit Components | |
|---|---|
| **IR-996300AU** | Inception Controller with Plug Pack |
| **IR-995200** | Low Profile Enclosure |
| **CSD-1200** | 12V 7.0Ah High Quality SLA Battery |

## Additional Information

| | |
|---|---|
| **Warranty** | Two Years |
| **Availability** | Oct 2017 |

## System Capacities

| System Capacities | On-board Inception Controller | With LAN Expansion |
|---|---|---|
| Doors | 4* | 128 |
| SIFER Readers | 8 | 256 |
| Wiegand Readers | 8** | 128/256*** |
| Areas | 32 | 32 |
| Inputs | 8 | 512 |
| Outputs | 4* | 512 |
| Lift Cars | 32 | 32 |
| Users | 10,000 | 10,000 |

*The Inception controller has 4 relay outputs in total. These can be used as lock relays for doors or general purpose dry contact outputs
** Via 8 OSDP <> Wiegand converters
*** 256 Wiegand readers requires a combination of OSDP <> Wiegand converters and 127 Standard LAN Access Modules.

## Expansion Module Compatibility

| Module / Device Description | Part Number | Compatible |
|---|---|---|
| 8 Input LAN Expander (UniBus Host) | 996005PCB&K | ✔ |
| UniBus 8 Input Expander | 996500PCB&K | ✔ |
| UniBus 8 Relay Expander | 996515PCB&K | ✔ |
| UniBus Lift Interface | 996540PCB&K | ✔ |
| Standard LAN Access Module (SLAM) | 996012PCB&K | ✔ |
| Paradox RF Expander | 995025 | ✔ |
| Inovonics RF Expander | 996008 | ✔ |
| EliteX Keypad | 995400 | ✔ |
| Original Elite Keypad | 995000U | ✔ |
| SIFER Smart Card Reader | 994720 / 994720MF | ✔ |
| SIFER Keypad / Smart Card Reader | 994725 / 994725MF | ✔ |
| OSDP<>Wiegand Converter | 994200 | ✔ |
| T4000 3G Alarm Communicator | 998530LT / 998530 | ✔ |
| LAN Over Ethernet Device (CLOE) | 995093 | ✔ |
| LAN Isolator | 995080 | ✔ |
| Fibre Modem (Single or Multi Mode) | 995081 / 995087 | ✔ |

## Inception with LAN Expansion Modules

**Multipath-IP T4000**
Connect the T4000 to Inception's USB port for 3G wireless IP alarm transmission

**IP-Alarms over Ethernet**
Use Inception's Ethernet port to send IP alarms to Multipath-IP equipped monitoring stations

**8 Universal Inputs**
Monitor a mix of EOL devices, buttons, switches or doors

**4 Universal Relay Outputs**
Outputs are truly universal. Control door locks, connect alarm sounders or switch automation controls and external devices
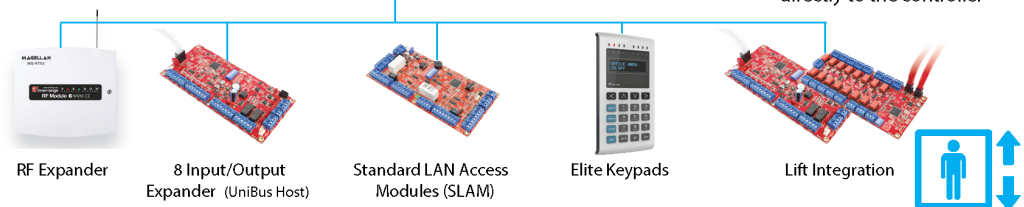
**RS-485 Reader Port**
Connect up to 8 SIFER readers, or 8 Wiegand readers via OSDP <> Wiegand converters, for In & Out access for door locks connected directly to the controller

**RS-485 LAN Expansion**
Add RS-485 LAN modules & Keypads to Inception to increase the system capacity up to 32 doors, 64 readers, 512 inputs & 512 outputs

RF Expander

8 Input/Output Expander (UniBus Host)

Standard LAN Access Modules (SLAM)

Elite Keypads

Lift Integration

The specifications and descriptions of products and services contained in this datasheet were correct at the time of publishing. Central Security Distribution (CSD) reserves the right to change specifications or withdraw products without notice.