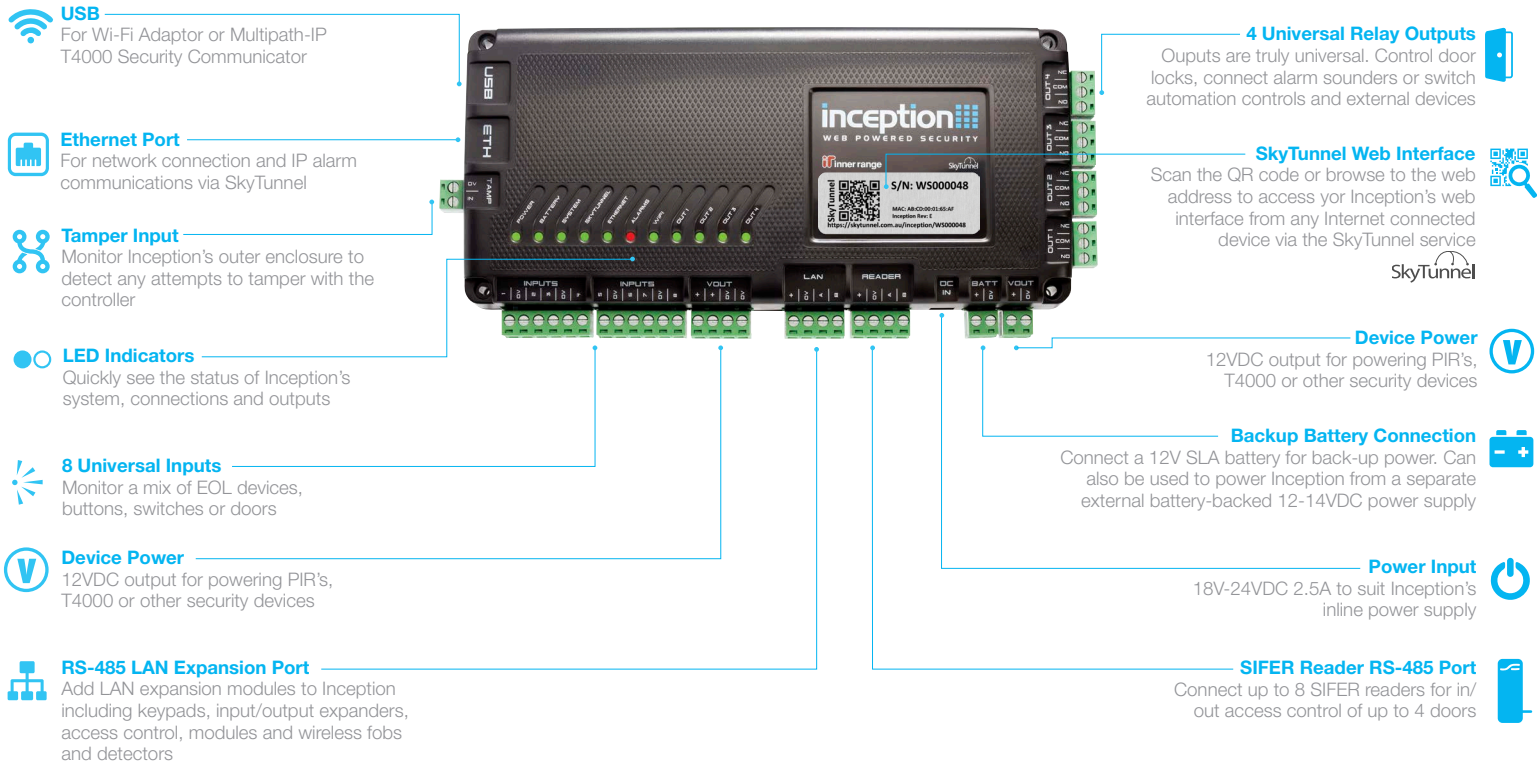
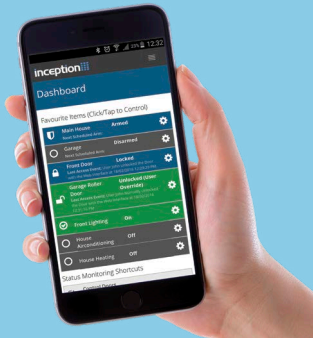


SIMPLE PLUG AND PLAY TECHNOLOGY



Inception LAN Module Compatibility Chart



Module / Device Description	Code
8 Input LAN Expander (UniBus Host)	21120
UniBus 8 Input Expander	21200
UniBus 8 Relay Expander	21211
Standard LAN Access Module (SLAM)	21140
Paradox RF Expander	20338
Elite Terminal (Grey / White)	20307 / 20308
SIFER Smart Card Reader (Standard / Multi Format)	21030 / 21031
T4000 3G Alarm Communicator	35409
LAN Over Ethernet Device (CLOE)	20500
LAN Isolator	20355
Fibre Modem (Multi Mode / Single Mode)	20502 / 20503
Wi-Fi Adapter	21011

System Capacities

	On-Board Inception Controller	With LAN Extension
Doors	4*	32
SIFER Readers	8	64
Wiegand Readers	0	32/64**
Areas	32	32
Inputs	8	512
Outputs	4*	512
Users	2,000	2,000
Events	50,000	50,000

*The Inception controller has 4 relay outputs in total. These can be used as lock relays for doors or general purpose dry contact outputs.
 **64 Wiegand readers requires 32x Standard LAN Access Modules (SLAM). i.e. one per door



Inception Controller
CODE 22000

SPECIFICATIONS



Case Material:	ABS plastic
Dimensions:	205mm x 94mm x 36mm
Shipping Weight (gross):	1.2kg
Installation Environment:	0°C - 50°C @ 15% - 90% relative humidity (non-condensing)
Power Source:	18V to 24VDC 2.5A (e.g. the supplied 24V 2.5A PSU)
- To "DC IN" (recommended):	<i>Note: A 12V SLA Battery of 7AH to 18AH capacity must be connected to 'BATT' input.</i>
- To "BATT" (alternate method):	12.8V to 14VDC 2.8A (e.g. a separate external battery-backed power supply) <i>Note: "DC IN" should not be connected when powered to via the BATT connection.</i>
Battery (supplied separately):	12 Volt Sealed Lead-Acid (gel) type - 7 to 18 Amp-Hour
Idle Current Consumption:	<i>Note: Does not include battery charging or current required by any peripheral devices.</i>
- DC IN: (24V DC)	60mA (85mA with Ethernet connected)
- BATT: (DC IN = 0V)	110mA (150mA with Ethernet connected)
Additional Current Required For:	
- Built-in Relays: (out 1 - out 4)	25mA per relay (33mA when Controller powered from "BATT" input)
- Inception Wi-Fi Adapter:	25mA (40mA when Controller powered from "BATT" input)
- Inception 4-Port USB Hub:	20mA (40mA when Controller powered from "BATT" input) Not including current required by any device connected to a USB Port
Typical Battery Backup Time:	With Ethernet or Wi-Fi + 1 LCD Terminal + up to 200mA for other devices.
- 7 AH Battery:	16 Hours
- 18AH Battery:	40 Hours
- 18AH Battery:	24 Hours Configuration as above but up to 500mA for other devices
Power Supply Outputs:	<i>See notes 1 & 2 below</i>
- V OUT:	13.4vDC +/- 150mV 1A max
- LAN +:	13.4vDC +/- 150mV 1A max
- READER +:	13.4vDC +/- 150mV 1A max
- USB 2.0:	5vDC 500mA max
- Maximum Combined Current - All Outputs:	2.5 A
Battery Charger Output Voltage:	13.75vDC / Output Current: Up to 500mA
Typical Battery Backup Time (7Ah battery):	16 hours (with controller connected to Ethernet or Wi-Fi with 1 x Elite keypad and up to 200mA for other devices such as PIR's or readers, etc)
AC Fail Detect (on "DC IN"):	16.5vDC / Low Battery Detect (on "BATT" input): 11.0vDC
Output Fuses:	Individual PTC protection - self-resetting
Battery Input Fuse:	7A onboard fuse - non-replaceable
Battery Deep Discharge Protection	Activated: 10.4V / Restored: 12.5V
Zone Inputs:	8
Relay Outputs:	4 ("OUT1-4")
Relay Contact Rating:	5A 30vDC or AC (<i>see note 2 below</i>)
Indicator LED's:	11
Alarm Reporting Formats:	ContactID or OR-fast (via T4000 or SkyTunnel)

NOTES:

1. Please refer to the respective product data sheets for details of power supply current requirements of the accessories and expansion modules that may be powered from the Inception controller power supply.
2. A separate external battery-backed power supply may be required for devices connected to the Inception controller if the current required is in excess of the maximum current allowed for that output, or causes the maximum combined output current specification to be exceeded.



For more information, visit www.atlasgentech.co.nz/brands/innerrange.html.

There you will find installation guides and videos to help you get the most out of your Inception systems.

Inception, SkyTunnel and SIFER are registered trademarks of Inner Range Pty Ltd. Product specifications subject to change without notice. Pictures shown may vary from actual product. © Inner Range Pty Ltd all rights reserved. March 2016

