SIMPLE PLUG AND PLAY TECHNOLOGY



For Wi-Fi Adap T4000 Security	tor or Multipath-IP Communicator		Ouputs locks, cc automatic	— 4 Universal Relay Outputs are truly universal. Control door nnect alarm sounders or switch n controls and external devices	·
For network co communication	nnection and IP alarm Is via SkyTunnel		Scan the	SkyTunnel Web Interface QR code or browse to the web s to access vor inception's web	
Monitor Incepti detect any atte controller	on's outer enclosure to mpts to tamper with the	Lan Reader + 2 < +	interfa	ce from any Internet connected device via the SkyTunnel service SkyTunnel	
LED Indicator Quickly see the system, conner	ss status of Inception's ctions and outputs		12	Device Power 2VDC output for powering PIR's, 74000 or other security devices	V
8 Universal In Monitor a mix o buttons, switch	puts of EOL devices, nes or doors		Connect a 12V SLA also be used to p external battery-b	Backup Battery Connection battery for back-up power. Can lower Inception from a separate acked 12-14VDC power supply	ä
Device Power 12VDC output T4000 or other	, for powering PIR's, security devices		18\	-24VDC 2.5A to suit Inception's inline power supply	Ċ
RS-485 LAN E Add LAN expain including keypa access control, and detectors	Expansion Port nsion modules to Inception ads, input/output expanders, , modules and wireless fobs		Conne out	- SIFER Reader RS-485 Port act up to 8 SIFER readers for in/ access control of up to 4 doors	



Module / Device Description	Code
8 Input LAN Expander (UniBus Host) UniBus 8 Input Expander UniBus 8 Relay Expander	21120 21200 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 Isolater	20355
Fibre Modem (Multi Mode / Single Mode)	20502 / 20503
Wi-Fi Adapter	21011

On-Board Inception

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



DATASHEET 2016

SPECIFICATIONS



inception

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):	Note: A 12V. SLA Battery of 7AH to 18AH capacity must be connected to 'BATT' input.
- To "BATT" (alternate method):	12.8V to 14vDC 2.8A (e.g. a separate external battery-backed power supply)
	Note: "DC IN" should not be connected when powered to via the BATT connection.
Battery (supplied separately):	12 Volt Sealed Lead-Acid (gel) type - 7 to 18 Amp-Hour
Idle Current Consumption:	Note: Does not include battery charging or current required by any peripheral devices.
- 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 of 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:	See notes 1 & 2 below
- 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 Vottage:	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" inpuy): 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 (see note 2 below)
Indicator LED's:	11
Alarm Reporting Formats:	ContactID or OR-fast (via T4000 or SkyTunnel)

NOTES:
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.
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.

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