

Product Datasheet

WHY ALPHATRONICS

- Complete product range
- In house development and production
- Comprehensive technical support
- Hands-on product training
- Easy online ordering
- ISO-9001 certified
- Security experience since 1978

SOLUTIONS

- Intrusion detection
- Access control
- Video observation
- Fire detection
- Alarm communications

UNii Alarm System



FEATURES & BENEFITS

- Modular Grade 3¹ alarm system based on one hardware platform
- 8 standard inputs, expandable up to 512 inputs
- Up to 64 wireless detectors (Grade 2¹)
- 16 keypads, 32 zones, 16 access readers, 2,000 users
- Automatic detection of bus components
- Safe DESFire EV2 access reader
- Language selectable per user
- Integrated IP communicator with optional GPRS backup
- 2nd RS 485 bus²
- Redundant configuration for high security
- Alarm panels can be linked in clusters
- Operation with mySmartControl app (iOS and Android)
- Developed, manufactured and supported in the Netherlands

UNii is a hybrid system, which can be used with both wired and wireless detectors. UNii is available in versions for 32, 128 or 512 inputs. The alarm panel is based on one hardware platform, which makes it possible to upgrade the number of inputs from 32 to 128 or 512 without having to replace the hardware. By default, the alarm panel is equipped with 8 inputs and can be easily expanded up to 32. In many ways, the UNii is modular: an additional RS-485 bus, redundancy, linking alarm panels in clusters of up to 4,096 inputs, backup notification via GPRS, etc.

Modular

UNii is characterised in particular by its modular structure. With one hardware, it is possible to adapt the alarm system to the wishes of the customer. For example, inputs can easily be expanded to 128 or 512 inputs and various modules can be added to the configuration. Additional functions such as redundancy, clusters or specific integrations can be added by means of licenses.

Smart

An alarm system does not have to be complicated. UNii has been designed so that it can be quickly installed. The unique casing allows it to be placed over (existing) cabling. The bus components are automatically detected, which means that it is not necessary to set addresses.

But there is more...

The standard alarm control panel can be linked to a second panel, so the installation has redundancy. In the event of a fault in the bus line, both panels take over the remaining part of the bus. If one alarm control panel fails, the other takes over the entire configuration. 100% security, based on the same hardware. Need more than 512 inputs? Then place the alarm control panel in a cluster that behaves as one system.

1: Certification process in progress and completion is expected before 31st December 2019

2: Additional RS-485 bus optionally available from November 2019



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TKH GROUP

Since July 2010 Alphatronics is part of the listed TKH Group. Within TKH Security Solutions Alphatronics works closely with other TKH sistercompanies in developing and delivering new and innovative security solutions.

CONTACT INFORMATION

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Specifications

	UNii 32	UNii 128	UNii 512
Zones (incl wireless):	32	128	512
Wireless zones:	32	32	64
Partitions:	4	8	32
Access readers:	4	8	16
Keypads:	4	8	16
RS-485 bus:	1	1	2 ²
Number of users:	50	1000	2000
User profiles:	100	100	100
Automatic arm/disarm:	8	8	8
Historical log:	500	500	1000
Redundant:	-	License	License
Clusters:	-	License	License
Integration:	-	License	License
Number of zone types:	11		
EOL resistors:	Selectable per zone		
Outputs:	Standard: 2x Relay, 2x OC, Expansion: 4 relay of 4 OC (200mA)		
Dialer:	Standard: IP, Optional GPRS		
Protocol IP/GPRS:	SIA IP DC09, SEC IP 2.0		
App:	mySmartControl		
Programming:	Freely programmable via UNii manager		
Weight:	5480 g		
Dimensions of metal casing:	400 x 255 x 120 mm (LxWxH)		
Power supply:	230V-18VAC@2,77A, toroidal transformer		
Maximum capacity of battery:	12V, 12AH		
Certification:	EN50131 tested (Grade 3 ¹)		

Order information

ART.NR.	ART.CODE	DESCRIPTION
004600	UNii 32	UNii control panel 32 zones
004602	UNii 128	UNii control panel 128 zones
004604	UNii 512	UNii control panel 512 zones
004620	UNii KP W	UNii keypad White
004622	UNii KP B	UNii keypad Black
004624	UNii KPR W	UNii keypad White with reader
004626	UNii KPR B	UNii keypad Black with reader
004660	UNii I/O PS	UNii I/O module (incl. PSU) in casing
004662	UNii I/O NPS	UNii I/O module (excl. PSU) in casing
004644	UNii WI PG2	UNii wireless interface PowerG
004642	UNii WI PYR	UNii wireless interface Pyronix
004646	UNii WI ELITE	UNii wireless interface Elite
004675	UNii KNX	UNii KNX module
004628	UNii WieCon	UNii Wiegand converter
004665	UNii GPRS	UNii GPRS module
004664	UNii inputexp	UNii input expander
004666	UNii outputexp Rel	UNii output expander 4 Relais
004668	UNii outputexp OC	UNii output expander 4 OC