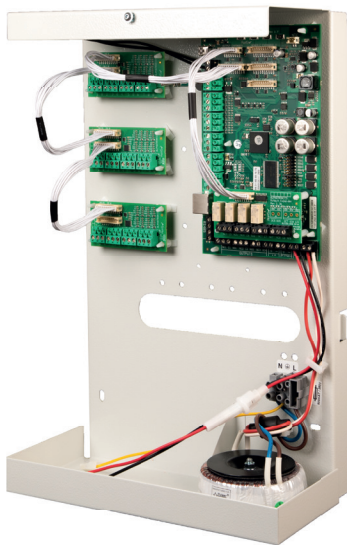


UNii Alarm system



FEATURES & BENEFITS

- + Modular Grade 3 alarm system based on one hardware platform
- + 8 standard inputs, expandable up to 512 inputs
- + Up to 64 wireless detectors (Grade 2)
- + 16 keypads, 32 zones, 16 access readers
- + Users (tag's/pin codes): UNii 32 = 50, UNii 128 = 1000, UNii 512 = 2000
- + Automatic detection of bus components
- + Safe DESFire EV2 access reader
- + Language selectable per user
- + Integrated IP communicator with optional GPRS backup
- + 2nd RS 485 bus
- + 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. The programming is easy with UNii manager software. For remote services the UNii alarm system can be managed with UNii online.

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.

Specifications

	UNii 32	UNii 128	UNii 512
Zones:	32	128	512
Wireless zones:	32	32	64
Partitions:	4	8	32
Amount of acces controllers ⁽¹⁾ :	4	8	16
Amount of card readers:	8	16	32
Amount of users (tag/pin):	50	1000	2000
Keypads:	4	8	16
I/O Module	15	15	15
RS-485 bus:	1	1	2
Integration:	√	√	√
Redundant:	-	License	License
Clusters:	-	License	License
Macro's:	5	25	50
Macro groups:	25	25	25
Aperio locks:	-	16	32
Aperio HUB's	-	2	4
Aperio 485-bus	-	2	2
Aperio License:	-	License	License

1) Combination of UNii door controller and card reader interface.

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 & UNii online (remote)
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)

Order information

ART. NR	DESCRIPTION	ART. NR	DESCRIPTION
004600	UNii control panel 32 inputs	004665	UNii GPRS module
004602	UNii control panel 128 inputs	004675	UNii KNX module
004604	UNii control panel 512 inputs	004642	UNii Wireless Interface Pyronix
004620	UNii keypad White	004644	UNii Wireless Interface PowerG
004622	UNii keypad black	004646	UNii Wireless Interface Elite
004624	UNii keypad white with reader	004650	UNii Door Controller 12V in cabinet with PSU
004626	UNii keypad black with reader	004651	UNii Door Controller 24V in cabinet with PSU
004660	UNii I/O module (incl. PSU) in cabinet	004630	UNii DESFire EV2 reader AT-100
004662	UNii I/O module (excl. PSU) in cabinet	004670	UNii DESFire EV2 reader HID
004664	UNii 8 inputs expansion board	008072	UNii DESFire EV2 Tag ECO black
004666	UNii output module 4 relays	008074	UNii DESFire EV2 Tag SLIM with logo
004668	UNii output expansion print 4 OC	004628	UNii Card reader interface WP
004669	UNii Power Expander print	004632	UNii DESFIRE EV2 reader AT-100 set
004682	UNii expander mount kit	004672	UNii HID set (reader + Interface)
004663	UNii RS-485 Expansion print	004119	Alphacast Grade 3 Tamper print