



## Highlights

- Process monitoring
- Easy integration in existing SNMP settings
- Plug & play solution

# NOVA

**Real-time information about the current status of your technical location(s), monitoring of several environment aspects, such as temperature, humidity, fire, intrusion, water and access. No more unnecessary visits to your technical location(s) due to unexpected failures in your processes. The internet of things has herewith become reality for the world of security as well.**

## Cabinet security

We're starting a completely new approach to cabinet security for small and medium businesses. With Nova you can offer your clients a convenient tool to check and control their cabinet conditions at all times and at all places. It just takes a few steps to install Nova and to plug it into the cloud. With an app for mobile devices your customers have access to their cabinet and are able to maintain safe conditions.

## Safe cloud solution

The internet of things has herewith become reality for the world of security as well. You might consider cloud solutions as somewhat unsafe. However, you do not have to fear at all. Your data is stored in a reliable Dutch datacenter. Next to that it's 100% safe through AES256 encrypted connections. Through the plug & play over IP technology your clients can now take full advantage of what modern security has to offer.

## Benefits

NOVA is Plug and Play. Coloured and numbered cables referring to sensors makes NOVA easy to install. The NOVA technique is suitable for use on smartphone & tablet. The app is available at Google Play and the App Store. Other benefits are:

- › Location independent
- › Stand-alone
- › Grant access remotely
- › Push messaging of events
- › Suitable for integration with SNMP systems
- › No additional investment in management software or licences.
- › Set minimum and maximum values remotely. For example a maximum temperature in all your technical locations.

## Technical specifications: NOVA

Sort	Specifications	
<b>Housing</b>		
Description	19 inch, 1HE metal housing	
Measurements	482,6mm x 43.66 x 225.0 (W x H x D)	
Weight	3,5 KG	
<b>Consumption</b>		
Power consumption (no load)	< 7.0 W	
Power consumption (maximum)	Single non-redundant power supply; max. power supply rating 53.92W at >74% efficiency (refer to output load de-rating curve)	
<b>Power supply 100-240VAC</b>		
Input	Voltage	100-240VAC
	Current	1.6A/115VAC 1A/230VAC
	Frequency range	47 ~ 63Hz
Battery charge	Current	160mA
Power inlet	Fuse	2A/T
	Type	IEC, C14
Protection	Overload	105 ~ 150% rated output power
		Protection type : AC Charging Mode : Hiccup mode, recovers automatically after fault condition is removed
	Over Voltage	CH1:31.74 ~ 37.26V
	Protection type : Hiccup mode, recovers automatically after fault condition is removed	
	Battery low	20 ~ 22V
<b>Battery</b>		
Input	Battery type	24V lead acid gel batteries
Battery charge	Current	2A (Polyfuse protection)

Sort		Specifications
<b>Environment</b>		
Operating temperature		-10°C to +60°C at sea level
Non-operating altitude		10.000m (35.000 ft.)
Operating altitude		Up to 3.000m (9.000 ft.), max. ambient temperature is derated by 1° C per 300m above 900m
Working humidity		20 ~ 90% RH non-condensing
Storage temp., humidity		-20 ~ +85 °C, 10 ~ 95% RH
<b>Polyfuse</b>		
Type		PTC Fuse Case style
Thermal derating		At -10° C the hold current will increase to 130% At +25° C no derating At +60° C the hold current will reduced to 60%
<b>Certifications</b>		
CE compliant	EMC (electromagnetic compatibility)	EN 55022 (2010) + AC (2011), class B EN 61000-3-2 (2006) + A1(2009) + A2 (2009) EN 61000-3-3:2008
	Immunity	EN 55024:2010
	Low Voltage (Product safety)	EN 60950-1 (2006) + A11 (2009) + A1 (2010) + A12 (2011)
<b>Indicators</b>		
LED	12x green LED	