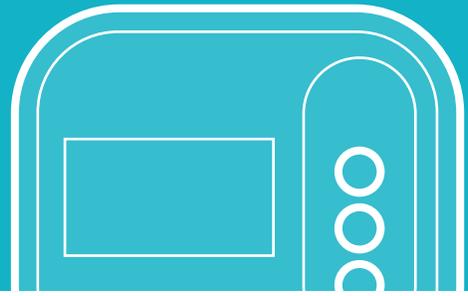# NOWA 4S control panel

The NOWA 4S is the latest generation of water leaks prevention systems from NOWA. The NOWA 4S incorporate an LTE radio by default making its installation easy and always connected to the Internet. The NOWA 4S control panel consists of the brain of the NOWA system. It receives the alarms from the sensors, execute commands sent by the customers and control the valve(s). Being the 4th generation of NOWA systems, it includes all the knowledge we acquired from our previous systems. Everything can be controlled physically through the panel. The use of the system has been simplified to 3 buttons (reset, open and close valve). The LCD screen will indicate you all the information you need such as location, duration, and the type of alarm. The dual communication enables a fast and easy configuration of the system. Once the control panel is powered on, you can configure everything from the web portal even if you don't have a Wi-Fi connection locally. It also enables persistent connection to make sure that you will be notified for every event that will occur in the future, even if you changed your Wi-Fi networks. In addition, we are proud to say that the NOWA 4S has been designed and manufactured completely in Canada. Offering advanced cloud features, industry-leading functionality and user-friendly operation, the NOWA 4S system is the ideal choice for complete, cost-effective water damage prevention and interactive control.

STANDARD FEATURES

- 2 ¾" LCD Screen
- Simple control interface
- Dual Communication (LTE, WiFi)
- Dry contacts for trouble / alarm reporting
- Notifications on alarms or trouble (Emails, PUSH, SMS*)
- Valve status indicator
- Audible and visual alarm
- 319.5 MHz RF protocol for communicating with wireless sensors
- Hardware Based encrypted communication

The NOWA 4S system delivers a modern, water protection solution to homeowners, providing absolute control and peace of mind!

NOWA 4S control panel

SPECIFICATIONS

General

Maximum number of sensors	64 Wireless sensors
System display	LCD Panel front mounted 2 ¾" with Pictogram (128x64 pixels) STN Negative
Language	English, French

Communication/Reporting

Wi-Fi® protocols	802.11 b/g/n
Wi-Fi Encryption	WEP, WPA, WPA2
Cellular	Integrated LTE CAT-M1 module

RF Receiver

Frequency	319.5MHz
Sensitivity	-120 dBm

Electrical

Operating Voltage	10-30 VDC @ 0.6-4A
Power Supply	Input:100-240Vac, 50/60Hz, 0.8A Output: 24V 1A
Power Supply Cable Length	9.5 feet
Protection Class	III
Control Action	Type 1.B
Control Function	Class A

Environmental

Storage Temperature	-4°F~122°F (-20°C~50°C)
Operating Temperature	32°F~104°F (0°C~40°C)
Degree of protection (IP)	IPX0
Pollution degree	2

Physical

Dimensions	(W x H x D) 5.3 x 4.5 x 1.1 in. (135 x 114 x 28 mm)
Weight	246 g
Color	Color Opal White w/blue trim
Screen	2 3/4" LCD Screen (128x64 pixels)
Installation	Surface mount or electric junction box

Certifications

NRTL Certificate	U8 113615 0001 Rev. 00
UL/CSA	CAN/CSA - E60730-1:2015 / A1:2012-11 UL - 60730-1:2016
LTE Module	FCC ID: XMR201707BG96 IC: 10224A-201709BG96
Wi-Fi Module	FCC ID: 2ADHKATWINC1500 IC: 20266-WINC1500PB

Warranty & Support

Warranty Period	2-year limited warranty
Support	1 877 287-7777 www.nowasupport.com

Ordering Information

NOWMA400	Nowa 4s Control Panel w/ LTE Cat-M1, Wi-Fi, 319.5 Radio, Power Supply

Accessories

NOWPOW400	Power supply for NOWA 4S
NOWPOW400-2A	Power supply for NOWA 4S for large or multiple valves
NOWDSF360	Water leak round wireless sensor
NOWDSF300	Water leak triangular wireless sensor (for accessories such as perimeter cable)
NOWDC010	Water leak perimeter sensing cable
NOWDM020	Wired mini probe sensor
NOWBAT400	Backup battery for NOWA 4S
NOWVAL050-400	½" valve for NOWA 4S
NOWVAL075-400	¾" valve for NOWA 4S
NOWVAL100-400	1" valve for NOWA 4S

*SMS works with the email-to-SMS functionalities offered by the Internet service provider. Some may not provide the functionality.