

ProSystem N2 Health

Indoor Air Quality Insights.



Promote the Health of People

Environmental quality is an increasingly important requirement, which goes beyond mere adherence to environmental hygiene standards.

The quality and safety of the built environment have to be assessed and made visible. Nuvap's solutions are able to provide insights and analytics about indoor environmental quality. Information and services provided by Nuvap enable IAQ management and facilitate the reporting within quality/wellbeing certification and sustainability frameworks (ISO45000, WELL, ESG,...).

ProSystem end-to-end solution

ProSystem solutions monitor, assess and communicate IAQ.

Thanks to Nuvap's solutions, it is possible to detect and monitor, in a seamless way, the presence of both chemical and physical pollutants in workplaces, schools, hospitality and health care facilities or other private and public buildings where people spend regularly several hours per day. They enable an easy communication about IEQ.

ProSystem solution consists of a service platform supported by a range of extremely compact devices, with a simple design and uncomplicated management. Data are accessible via web and mobile app. API are available for integrations.

The Technology

Nuvap's technology is protected by international patents, relating to the exclusive combined and constant monitoring of polluting agents, which may be present in the places where people spend regularly their time.

For more information please visit www.nuvap.com

Physical Info

Dimensions: 183x183x80mm
 Operating Temperature range: -5°C to +40°C
 Storage Temperature range: -5°C to +40°C
 Operating Humidity: 20% to 80% non condensing
 Storage Humidity: 20% to 80% non condensing
 Deployment: Indoor

Operations

Battery Back-up: 2 hours
 Power Supply: Input 100/220V, 50-60Hz
 Power Supply: Output 5 Vdc 2A

Connectivity:

WiFi 2.4 GHz 802.11 b/g WPA PSK;
 LTE Cat M1/Cat NB1/EGPRS 850/900/1800/1900MHz
 BTLE - only for configuration purpose;

App OS: Android and iOS

Compliances:

CE
 EMC DIRECTIVE 2014/30/EU
 ETSI EN 300 328 V2.1.1 (clause 5.4.9.2.2)
 ETSI EN 301 489-1 V2.1.1
 ETSI EN 301 489-17 V3.1.1
 IEC 61010-1:2010 -
 EN 61010-1:2020 -
 EN 61326-1:2003
 LOW VOLTAGE DIRECTIVE 2014/35/EU

HW Ordering Info

NVP220 Health Device

FACTOR	WORKING RANGE	RESOLUTION
CARBON DIOXIDE (CO2)	0-5.000 ppm	50 ppm
CARBON MONOXIDE (CO)	0-5.000 ppm	1 ppm
FORMALDEHYDE (CH2O)	0-10 ppm	0,5 ppm
NITROGEN DIOXIDE (NO2)	0-30 ppm	0,1 ppm
OZONE (O3)	0-5 ppm	0,5 ppm
PM1 PM2,5 PM10	0-1000ug/m3	1 ug/m3
RELATIVE HUMIDITY	0-100 %Rh	1%Rh
TEMPERATURE	-40 - +120°C	0,1°C
TVOC	0-60.000 ppb	1-32 ppb