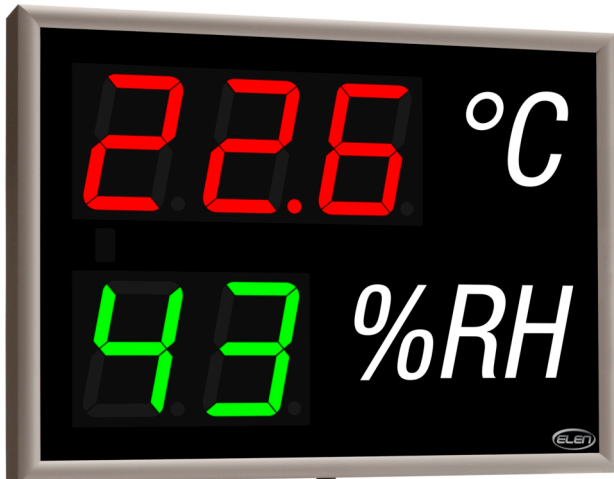


DATASHEET

Product name	Large-size display – numerical, temperature and humidity	
Type / Model	NDA 100/3-2 THS RG L20 230AC RS485	
Order Code	ZZ0905-3.xx	Date of last revision: 20.01.2020



The **NDA 100/3-2 THS RG L20 230AC RS485** is an electronic monitoring device which measures and displays air temperature and humidity on a large format.

It is suitable for use in indoor environment (public institutions, banks, bus and railway stations, airports, schools, offices, hotels, restaurants, etc.).

Its enclosure consists of aesthetic anodized aluminum frame, non-glare front cover glass and steel back panel. Excellent readability is ensured by super-bright 7-segment LED modules with a wide viewing angle. Temperature and humidity sensor probe is detachable and connects into display frame from the bottom side. Power supply cable is attached from the back side.

Sensor protection
stainless steel
sintered cap



Sensor probe
detachable (removable)
with 3,5 mm jack connector

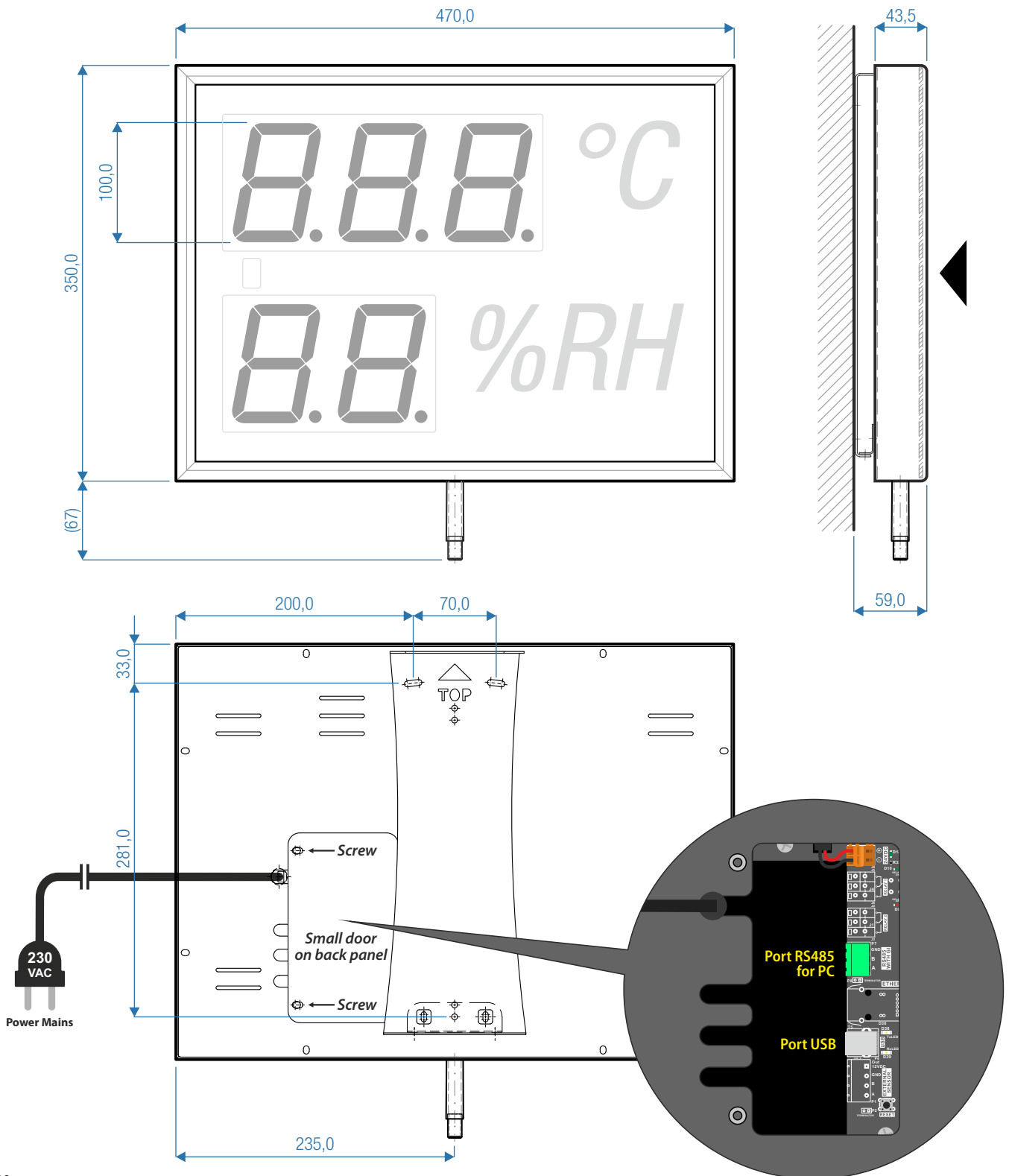
Display Specifications

Number of digits	Temperature - 3, Humidity - 2
Height of digits	100 mm
Readability range	Up to 40 meters
LED type	Super bright 7-segment LED modules
LED colour	Red or multi-color Red/Green/Yellow. Depends on product type ordered.
Viewing angle	120°
Fixed labels	°C (°F), %RH (%HR, %r.F.) as required. White letters on black background.
Frame colour / type	Matt warm grey / aesthetic anodized aluminium
Front cover	Non-glare, grey colour tinted PMMA glass
Connections	1x USB type B connector for configuration settings 1x PC DataLogging connector RS485
Class of protection	IP 20, indoor use only
Power supply	100-240V~, power supply cable with 2-pole EU plug, length 2 m
Power consumption	13 W Max.
Dimensions	470 mm x 417 mm x 59 mm (please see drawing on next page)
Weight	4,5 kg
Accessories included	Wall mounting brackets, screws and fasteners

Sensor Specifications - Sensirion SHT31

Humidity measurement range	0% ~ 100%
Humidity accuracy	± 2% (for humidity range 0% - 90%, ±5% out of this range)
Temperature measurement range	-40°C ~ +80°C
Temperature accuracy	± 0,3°C (for temperature range 0 ~ 70°C)

Dimensional Drawing (mm)



Notes:

1. Please unpack and install detachable plug-in sensor probe after display installation.
2. Fixed labels can be changed according to customer specification.