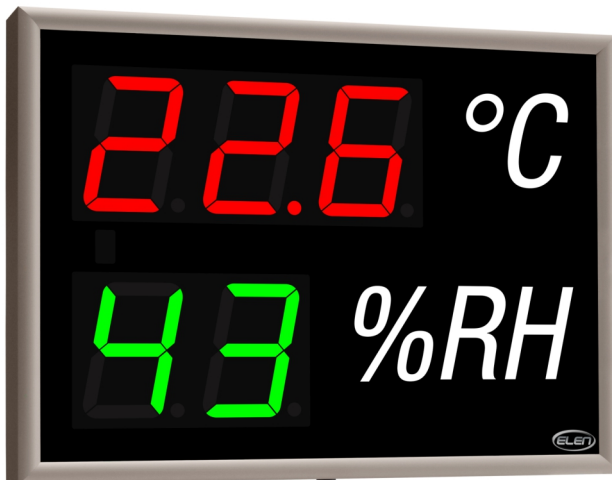


## DATASHEET

<b>Product name</b>	<b>Large-size display – numerical, temperature and humidity</b>	
<b>Type / Model</b>	<b>NDA 100/3-2 THS RG L20 PoE LAN</b>	
<b>Order Code</b>	<b>ZZ0905-7.xx</b>	Date of last revision: 20.01.2020

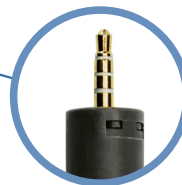


The **NDA 100/3-2 THS RG L20 PoE LAN** is an electronic monitoring device which measures and displays air temperature and humidity on a large format.

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. Display is powered from LAN Network via PoE interface.

Sensor protection  
stainless steel  
sintered cap



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

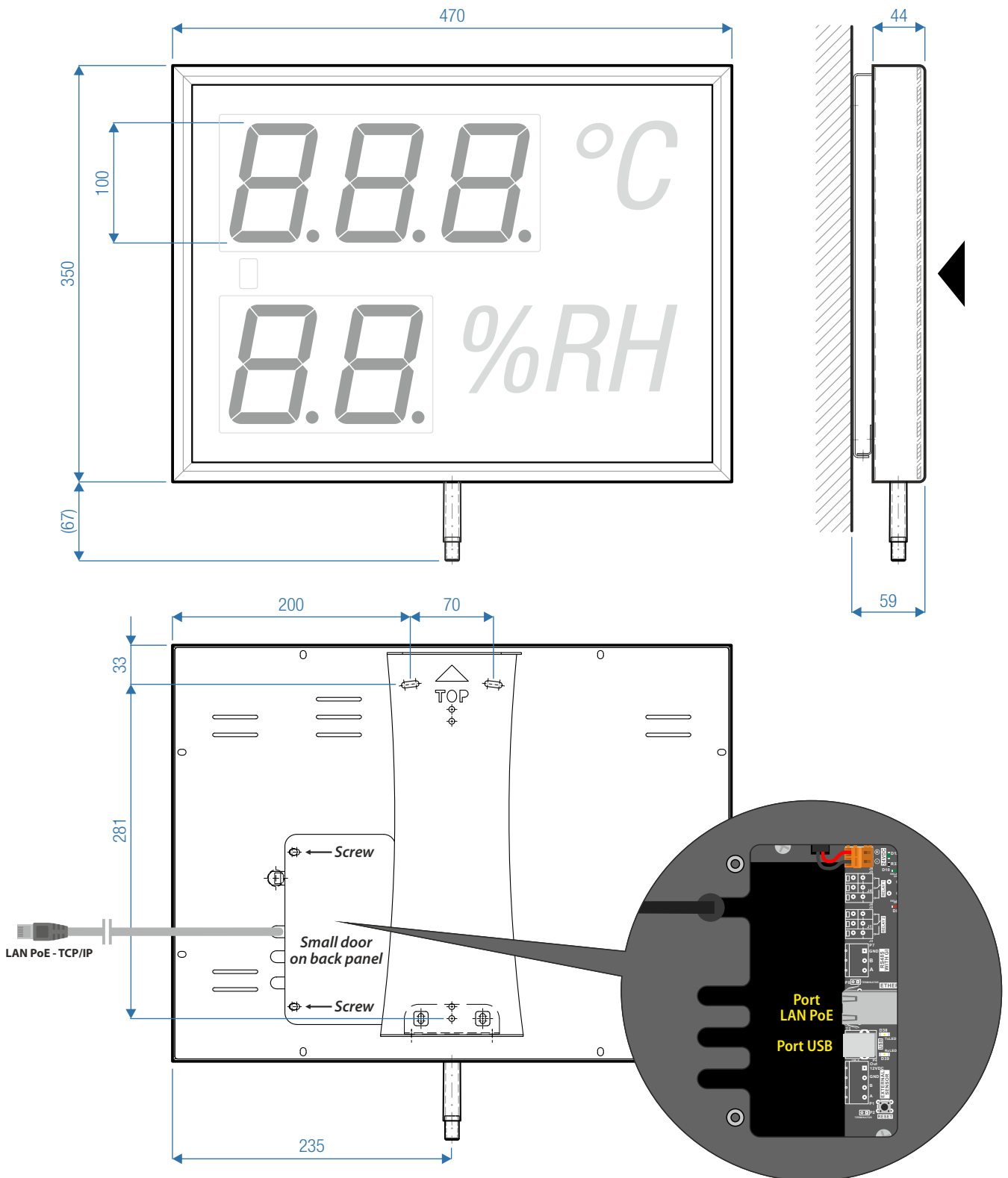
### Display Specifications

<b>Number of digits</b>	Temperature - 3, Humidity - 2
<b>Height of digits</b>	100 mm
<b>Readability range</b>	40 m
<b>LED type</b>	Super bright 7-segment LED modules
<b>LED colour</b>	Red or multi-color Red/Green/Yellow. Depends on product type ordered.
<b>Viewing angle</b>	120°
<b>Fixed labels</b>	°C (°F), %RH (%HR, %r.F.) as required. White letters on black background.
<b>Frame colour / type</b>	Matt warm grey / aesthetic anodized aluminium
<b>Front cover</b>	Non-glare, grey colour tinted PMMA glass
<b>Connections</b>	1x USB type B connector (service use only) 1x LAN PoE - Ethernet TCP/ IP
<b>Class of protection</b>	IP 20, indoor use only
<b>Power supply</b>	LAN PoE
<b>Power consumption</b>	13W Max.
<b>Dimensions</b>	470 mm x 350 mm (417 mm) x 59 mm (see drawing on next page)
<b>Weight</b>	4,5 kg
<b>Accessories included</b>	Wall mounting brackets, screws and fasteners

### Sensor Specifications - Sensirion SHT31

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

**Dimensional Drawing (mm)**



**Notes:**

1. LAN PoE connector is located under small door on back panel, connector RJ45 (remove 2 screws).
2. Fixed labels can be changed according to customer specification.