

# Nurse Station NS10/20

Remote Monitor Panel



# PSIDAC

Care is in the Air

# NS10 / NS20

## Nurse Station NS10/20

### Applications

The NS10/20 Nurse Station is a display panel for viewing the CPS systems gathered in one location, e.g. reception desk, or in the staff lunchroom, hallway where everyone can see it easy. Application areas can be for Hospitals with operating rooms, ICU, Pharmacies, Laboratories, Cleanrooms and production plants etc.

### Description

Each connected CPS system is indicated with a Green status button. If one of the connected systems have a warning the panel indicate Yellow, or if it's an alarm that button goes Red and a buzzer alarms. The audio can be muted.

Clicking the room button views that selected CPS display values so you can see the actual readings, alarms etc.

There is a real time clock in the panel so all alarms can be shown in a event history log.

### Models

NS10 can display up to 10 CPS systems on one display. And the NS20 can display up to 20 CPS systems on one display.

### Options

And there is an option for relays (2 relays) that acts as sum alarms. One for e.g. a LED flash light tower, and one for a extra siren. The siren relay will be muted with the internal buzzer, but the light relay won't, it goes back to normal only when the alarms are cleared again and it's all green on the panel.

### Communications

The NS10/20 have one internal RS 485 modbus port for connecting to the CPS systems in the building. And another RS 485 modbus port for connecting to external building BMS or SCADA system.

## Key features NS10/20

- + Continually show the status of CPS systems in one place
- + Simple to understand, green for correct status, yellow for warning and red for alarm
- + Up to 10 CPS system/rooms can be monitored by one NS10 panel, and up to 20 CPS systems with NS20.
- + Can be mounted flush in the wall, External on the wall or as a table panel for a desk
- + Optional alarm relays for external extra LED light tower and/or sirén
- + Alarms can be muted
- + RS485 2W Modbus to building BMS and SCADA systems
- + Slim design

## Technical data NS10/20

Montage: Flush in wall, External on wall, or table stand.  
 Dimension Panel: 157 x 115 x 40 mm (WxHxD).  
 Display: 106 x 65 mm Display, 5" LCD Touchscreen.  
 Panel colour: Standard white (can be in custom colours)  
 Communication internal: RS485 Modbus  
 Communication external: RS485 Modbus RTU  
 Measurement recessed box: 150x109x45 mm (WxHxD)  
 Measurement on the wall box: 157x115x54 mm (WxHxD)  
 Power: 24 V DC @ 160 mA  
 Output: Optional 2 Relays - 24 VAC/DC 1A max

## Type designation

Part no example: **NS205EWRT1**

No. rooms	Display size	Wall/Table mount	Colour	Options	Com	Special
<b>NS20</b>	<b>5</b>	<b>E</b>	<b>W</b>	<b>Rx</b>	<b>1</b>	<b>xxx</b>
4pos	1 pos	1pos	1pos	2pos	1pos	3pos
NS10/20	5/7	D/S/E/T	W/x	R/x	1/2/3/4	Special ver
10=Max 10 CPS	5=5" size	D=recessed Deep	W=White	R=Relay	1=2wire Modbus	
20=Max 20 CPS	7=7" size	S=recessed Shallow	x=n/a (free)	T=Temp	2=2wire BacNet	
		E=External on wall		x=none	3=Modbus TCP	
		T=Table stand			4=BacNet TCP	
		x=none				

Features & specifications are subject to change without notice.  
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