

ADVANCED

# CPS 6021/41

## Dynamic Monitor System



# PSIDAC

Care is in the Air

# CPS 6021/41

The CPS 6021 is an advanced monitor system for up to 2 rooms and 6041 up to 4 rooms. It's used in hospitals and processes where you need to have easy access to visible info on various important parameters for your operation and process. It can handle various sensors like Gases, Temp, Humidity Air flow and Air Changes, Particles, Barometer etc.

## Monitor positive or Negative pressure:

CPS 6021/41 operates in Dual room mode. E.g. you can easily switch from a positive room (protect the products or a patient) to a room in negative pressure (protect the surroundings from smell/dust/particles/bacteria/a sick patient).

## The CPS system is Dynamic

CPS system is flexible and ease of use for the staff. The 6021 can monitor and show alarms (up to 4 units) for 2 different rooms at the same time (6041 shows up to 4 rooms). So if you have anterooms, or side rooms they can be monitored as well. And when being in the surrounding rooms you have panels in these rooms as well (Slave panels with selected parameters) so you always see the status and alarms in all-important working areas. You can add up to 10 slave panels to one master panel. The slaves can be individually configured, which makes the system even more dynamic.

## Safety

The concept is simple (therefore safe), the CPS system will normally display green when everything is ok and Red when there is an alarm condition. That combined with the high accuracy sensors that PSIDAC produce will assure a safe working environment, low cost in contamination problems, and the CPS system will give you a positive profiling and sales argument. Start informing clients/customers that you monitor your processes 24/7 for everybody's safety.

## Low installation cost

The system use intelligent sensors, and digital Modbus communication, so it's low installation cost, and easy start-up compared to traditional analogue systems. Since the system is based on advanced programming it is easy to add rooms or slave panels after installation.

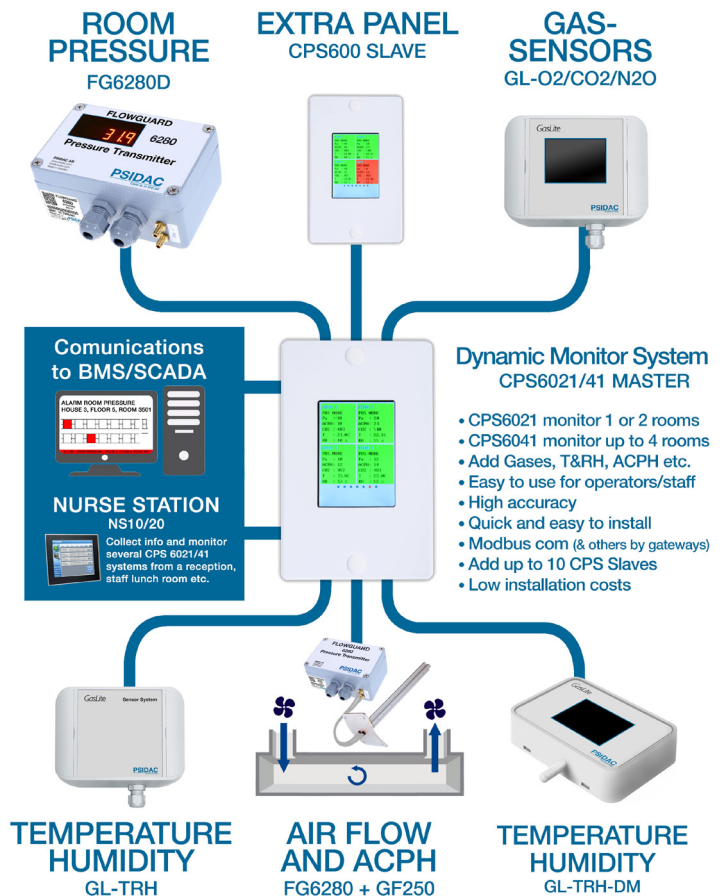
## Communications

The CPS 6021/41 system communicates to the BMS (Building Management System) or a SCADA-system so the measured parameters can be logged for history and trends. Alarms can be sent out by the BMS (or a dialler unit) to emails and SMS-cell phones for fast response by staff or service to minimize stop and costs. Relay (option) out for sum alarm.

## Nurse Station

Add our Nurse Station NS10 that collects and shows status of max 10 CPS / rooms. Or NS20 that shows max 20 CPS systems / rooms in the reception or staff lunchroom etc.

Features & specifications are subject to change without notice.  
Document: 6021-6041\_Product-leaflet-A4-ver10-PSIDAC



## Key features CPS 6021/41 Dynamic System

- + Continuous 24/7 measurement of attached sensors
- + Simple to understand for staff, Green=OK, Red=Alarm
- + Up to two rooms can be monitored by one 6021 System
- + Up to four rooms can be monitored by one 6041 System
- + Slave panels for monitors in surrounding rooms
- + Dual room mode for easy switching between negative or positive room pressure. Pos Hi/Lo and Neg Hi/Lo Alarms.

## Technical data CPS 6021/41

Montage: Flush in wall, or on the wall with bracket/box.  
Dimension: 150x100x5 (45 Mounting box) mm.  
Display: 65x49 mm Display, LCD Colour Touchscreen.  
Panel colour: Standard white (can be in custom colours)  
Communication internal: RS485 Modbus  
Communication external: RS485 Modbus RTU  
Measurement recessed box: 114x90x40 mm  
Measurement on the wall box: 150x100x40 mm  
Power: 24 V DC @ 54 mA/ CPS 6021/41

## Type designation

Part no example: **6041MASRx**

Model no.	Master/Slave	Type	Wall mount	Options	Com	Special
<b>6041</b>	<b>M</b>	<b>A</b>	<b>S</b>	<b>R</b>	<b>1</b>	<b>xxx</b>
4pos	1 pos	1pos	1pos	1pos	1pos	3pos
6021/6041	M/S	S/A	D/S/E	R/x	1/2/3/4	Special ver
21=Max 2 room	M=Master unit	S=n/a	D=recessed Deep	R=Relay	1=2wire Modbus	
41=Max 4 room	S=Slave unit	A=Advanced	S=recessed Shallow	x=n/a (free)	2=2wire BacNet	
			E=External on wall		3=Modbus TCP	
					4=BacNet TCP	
					x=none	