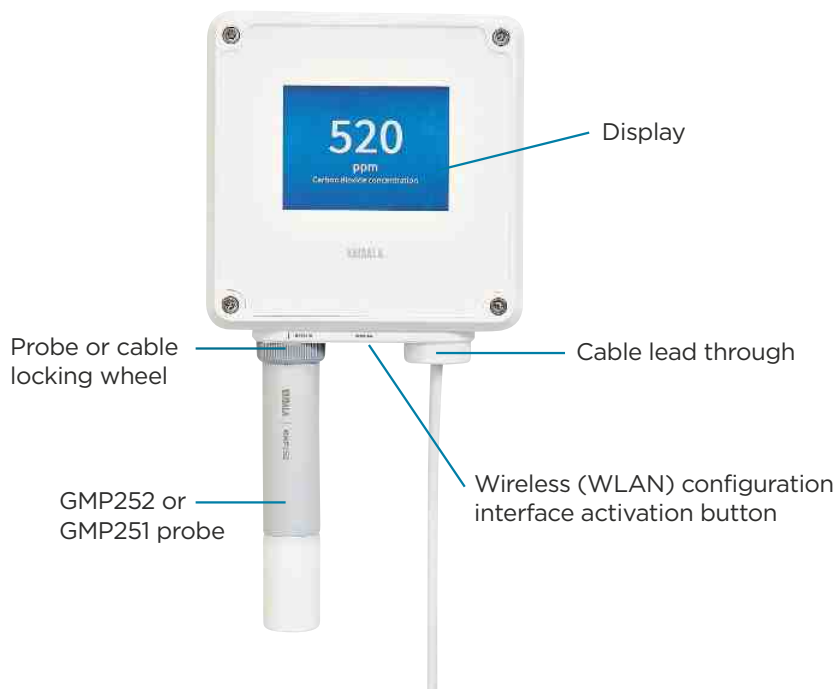
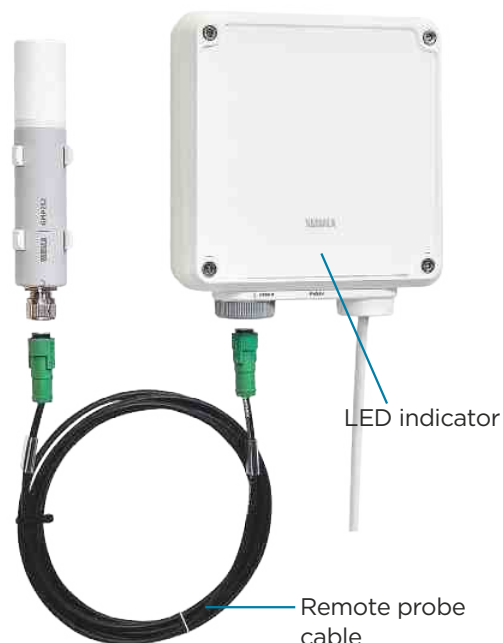


## Vaisala Indigo 201 Analog Output Transmitter for GMP251 and GMP252 probes

### Display version



### Non-display version



### Features

- Plug-and-play probe connection for Vaisala CO<sub>2</sub> probes GMP251 and GMP252
- Wireless interface for configuration and temporary use
- Operating temperature: -40 ... +60 °C, with display -20 ... +60 °C
- LCD color display (optional non-display version)
- IP65 enclosure
- 24 V power supply input
- 3 analog outputs (mA or V)
- 2 configurable relays

### Benefits

- Effortless installation saves time
- Minimal downtime with interchangeable probe
- Safe for harsh environments: resistant to dust and most chemicals
- Smooth surface makes cleaning simple
- Easy evaluation and visualization of data, also wirelessly

### Typical Applications

- Life Science incubators
- Hatchers and setters
- Greenhouses
- Cold storages & refrigeration
- Food transportation
- CO<sub>2</sub> safety
- Demanding HVAC: animal shelters, swimming halls, parking garages

**Note:** All GMP251 and GMP252 probes manufactured from 2017 onwards with serial numbers starting with the letter N or latter in alphabetical order have full Indigo compatibility.

Vaisala Indigo 201 Analog Output Transmitter is a host device where the measurement result of Vaisala Indigo compatible probes is shown on the display and/or converted into other formats, for example, analog output signals and to a level where the relays are activated. These probe hosts are plug-and-play devices for current and future Vaisala Indigo compatible probes. The host device has a color LCD display but it's also available as a non-display version with a LED indicator for notifications.

Vaisala Indigo compatible probes are connected either directly to the host with a probe locking wheel, or by using a cable between Indigo 201 and the probe.

The Indigo 201 has a browser-based wireless (WLAN) configuration interface for a mobile device or computer

## Technical Data

### General

Supports an Indigo compatible probe:  
 CO<sub>2</sub> probes GMP251 and GMP252  
 LCD color display version (optional non-display)  
 Wireless (WLAN) configuration interface:  
 connect to the Indigo 201 and use the browser-based user interface for device configuration and measurement data viewing.

### Technical Data

Operating voltage 15 ... 30 VDC, (20 ... 22 VAC)  
 Operating temperature -40 ... +60 °C, with display -20 ... +60 °C  
 Three analog outputs (voltage or current)  
 Voltage 0 ... 1 V, 0 ... 5 V, 0 ... 10 V, 1 ... 5 V, scalable, min. load 1 kΩ  
 Current 4 ... 20 mA, 0 ... 20 mA, scalable, max. load 500 Ω  
 Accuracy of 0 ... 10 V and 0 ... 20mA analog outputs at 20 °C +0.1% full scale  
 Relay contacts x 2 max. switching power 30 W  
 max. switching current 1 A  
 max. switching voltage 40 VDC / 28 VAC

Material  
 Housing PC/ABS plastic  
 Display window PMMA plastic  
 Housing classification IP65  
 Screw terminals wire size 0.2 mm<sup>2</sup> ... 1.5 mm<sup>2</sup>  
 Weight 0.4 kg  
 Chemical tolerance  
 (temporary exposure during cleaning)  
 H<sub>2</sub>O<sub>2</sub> (6000 ppm) non-condensing;  
 alcohol-based cleaning agents (e.g. ethanol and IPA)



An example of a wireless configuration window.

that supports a wireless connection. The host device and the probes connected to it can be configured using the wireless user interface. It also allows for temporary viewing of the measurement data.

The surface of the Indigo 201 enclosure is smooth, which makes it easy to clean. It is also resistant to dust and most chemicals, such as, H<sub>2</sub>O<sub>2</sub>, and alcohol-based cleaning agents.

Electromagnetic compatibility	EN61326-1, Generic Environment
Contains	FCC ID QOQ-WGM110, IC 5123A-WGM110, MIC 209-J00197, MSIP-CRM-BGT-WGM110
Safety	IEC/UL/EN 61010-1

### Accessories

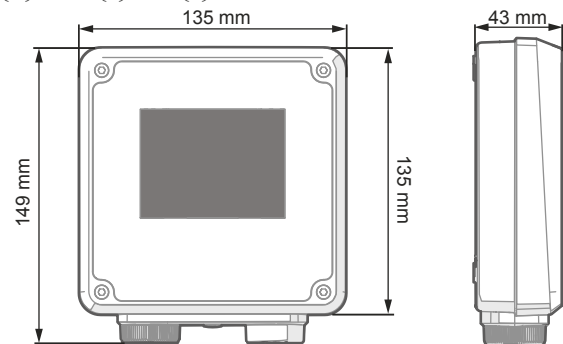
Remote probe cable 1 m	INDIGOCABLE1M
Remote probe cable 3 m	INDIGOCABLE3M
Remote probe cable 5 m	INDIGOCABLE5M
Remote probe cable 10 m	INDIGOCABLE10M

### Wireless (WLAN) Configuration Interface

Module with internal chip antenna	
Networking standards	IEEE 802.11 b/g/n compliant

### Dimensions

in mm  
 135 (w) x 149 (h) x 43 (d)



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