



# Dräger VVP 1000

## System Components

---

The Dräger VVP 1000 is a 10" touch panel that provides a clear and simple display of all data from your Dräger VarioGard® gas detector. The touch panel visualises all relevant information such as measurement values and status messages in a way that is well organised and easy to understand.

# Benefits

## Clear and detailed presentation

The central unit forms the heart of the Dräger VarioGard. This is where all relevant data comes together:

- Name and concentration of gas
- Device name, measured value and range
- Alert type, device status and maintenance interval

Previously, the only way to access and store this information was via a local USB connection. With the Dräger VVP 1000, you can now view this data within your network from any place and at any time. All information is displayed in a plain text message that is clear yet detailed. Different panels allow you to rapidly navigate all connected systems. The data can be tabulated to give a better overview.

## Monitor several facilities from one panel

You can easily upgrade your existing Dräger VarioGard system. For secure and uninterrupted data transmission, the Dräger technicians install the required Modbus Gateway in your central unit. This allows you to access and operate up to three central units in parallel with just one Dräger VVP 1000.

## Thorough documentation

All alarms and events are automatically recorded by the Dräger VVP 1000. You can conveniently access and analyse them for a period of 365 days. Detailed values on the time, channel and type of alarm or event supply you with all the information you need. The data is prepared and presented in a user-friendly way. You can transmit data and continue to work with Microsoft® Excel®.

## Remote data processing via VNC connection

A web interface can be integrated into the local network and easily accessed via a VNC client (virtual network computing). A remote function lets you access data wherever you are, and at all times. The connected Dräger VarioGards are easily accessed through a web browser. This also gives you control of all functions of the Dräger VVP 1000.

## Accessing one central unit in parallel

The new Dräger VVP 1000 panels help you keep an eye on everything. They prove an especially flexible and cost-effective solution for summarising and presenting all relevant data when monitoring large areas. Simply install a Dräger VVP 1000 in the preferred position for quick access to the required data. You can use several panels to access the same system without any conflicts.

Microsoft® Excel® is a registered trademark of Microsoft Corporation.

# System Components

ST-9754-2007



## Dräger VarioGard® Central Unit

The Dräger VarioGard® Central Unit is at the center of a cost-efficient, modular gas detection system. A digital Bus makes it possible to connect and manage up to 100 transmitters for various gases.

D-15317-2023



## Dräger VarioGard® 3000 EC

The Dräger VarioGard® 3000 EC is a digital transmitter with an integrated electrochemical sensor. It detects toxic gases such as CO, NO<sub>2</sub>, NO, NH<sub>3</sub> and oxygen in non Ex areas such as underground garages, laboratories and in cold storage houses.

# Technical Data

Display	10" TFT LCD graphical display 1024 x 600 pixel with a brightness of 350 cd/m <sup>2</sup> 17 M colours contrast ratio: 500:1
Touch display	4-wire analogue resistiv LED back light with typical life time of 50,000 hours
USB port	1x USB 2.0 Host
Serial interface	Con.A:COM2 RS-485 2-/4-wire, COM3: RS-485 2-wire ConB.: COM1: RS-232 4-wire, COM3 RS-232 2-wire MPI is not supported
Ethernet	10/100 Base-T with RJ45 connector
Real time clock	Integrated real time clock RTC
Protection class	NEMA4 / IP66
Housing	Robust plastic housing
Shock	10 to 25 Hz (X, Y, Z direction 2 G for 30 minutes)
Atmospheric humidity	10 % to 90%r.F, not condensating
Environmental temperature	Operation: 0 °C to +50 °C/+32 °F to +122 °F Storage: -20 °C to +60 °C/-4 °F to +140 °F
Dimensions	213 x 271 x 38 mm/8,39 x 10.67 x 1.57 inch (H x W x D)
Weight	ca. 1.2 kg/ca. 2.9 lb
Power supply	24 VDC +-20 %; typ. 720 mA; connection by plug-in 3-terminal clamping strip
Indicators	1 function LED shows power supply
CPU and Core Logic	Quad-core RISC 600 MHz processor; Linux based operating system
Data logger	1 GB RAM & 4 GB logger

# Ordering Information

Dräger VVP 1000 (1:1)	83 25 681
Dräger VVP 1000 (1:2)	83 25 682
Dräger VVP 1000 (1:3)	83 25 683

Not all products, features, or services are for sale in all countries.  
Mentioned Trademarks are only registered in certain countries and not necessarily in the country  
in which this material is released. Go to [www.draeger.com/trademarks](http://www.draeger.com/trademarks) to find the current status.

**Corporate Headquarters**  
**Drägerwerk AG & Co. KGaA**  
Moislinger Allee 53-55  
23558 Lübeck, Germany  
www.draeger.com

**Region Europe**  
**Dräger Safety AG & Co. KGaA**  
Revalstraße 1  
23560 Lübeck, Germany  
☎ +49 451 882 0  
☎ +49 451 882-2080  
✉ [info@draeger.com](mailto:info@draeger.com)

**Region Asia Pacific**  
**Dräger Singapore Pte. Ltd.**  
61 Science Park Road  
The Galen #04-01  
Singapore 117525  
☎ +65 6872 9288  
☎ +65 6259 0398  
✉ [asia.pacific@draeger.com](mailto:asia.pacific@draeger.com)

**Region North America**  
**Dräger, Inc.**  
3135 Quarry Road  
Telford, PA 18969  
☎ +1 800 4DRAGER  
(+1 800 437 2437)  
☎ +1 215 723 5935  
✉ [info.usa@draeger.com](mailto:info.usa@draeger.com)

**Region Middle East, Africa**  
**Dräger Safety AG & Co. KGaA**  
Branch Office  
P.O. Box 505108  
Dubai, United Arab Emirates  
☎ +971 4 4294 600  
☎ +971 4 4294 699  
✉ [contactuae@draeger.com](mailto:contactuae@draeger.com)

**Region Central and South America**  
**Dräger Indústria e Comércio Ltda.**  
Al. Pucuruí 51 - Tamboré  
06460-100 - Barueri - São Paulo  
☎ +55 (11) 4689-4900  
✉ [relacionamento@draeger.com](mailto:relacionamento@draeger.com)



Locate your Regional Sales  
Representative at:  
[www.draeger.com/contact](http://www.draeger.com/contact)