

IDP-2020 Interactive Display Panel



Overview

The IDP-2020 Interactive Display Panel is a pre-programmed human-machine interface designed to work with the DGC-2020 and the DGC-2020HD. The device includes a full-color touchscreen and an intuitive, user-friendly program to help customers view and manage their genset controls, alarms, and metering. Programming options are available for use with single generator or multiple generator applications.

Features

- Full color touchscreen interface
- Available in 7-inch or 12.1-inch models
- Communication with DGC products via Ethernet or RS-485
 - DGC-2020 communication via RS-485 only
- External Modbus communication available for data collected by the IDP-2020
- Options for single-unit or multiple-unit monitoring (up to four units)

Benefits

- Easily connects to new and existing DGC systems.
- Plug-and-play system eliminates need for extensive programming.
- Easy-to-navigate full color touchscreen.
- Multiple interactive pages organized for quick and easy interface with the system.
- Provides extensive metering, monitoring, and control capabilities.

Specifications

DC Control Power

7-Inch Display

Nominal Voltage:	24 Vdc
Voltage Range:	18 to 32 Vdc
Power Consumption:	14.4 W at 24 Vdc

12-Inch Display

Nominal Voltage:	24 Vdc
Voltage Range:	18 to 32 Vdc
Power Consumption:	28.8 W at 24 Adc

Physical

7-Inch Display

Weight:	1.8 lb (0.8 kg)
Dimension (diagonal):	7 in (177.8 mm)

12-Inch Display

Weight:	5.7 lb (2.6 kg)
Dimension (diagonal):	12.1 in (307.3 mm)

Communication

USB:	USB type A port
Serial:	RS-485 jack, 9-pin female
Ethernet:	RJ-45 jack, 10/100BASE-T

Agency/Certification

American Bureau of Shipping (ABS), Bureau Veritas (BV), China Classification Society (CCS), Det Norske Veritas (DNV), Korean Communication Certification (KCC), Korean Register (KR), Lloyd's Register (LR), Nippon Kaiji Kyokai (NKK), and UL approved, CE EMC and RoHS, FCC Part 15 Class A, IC ICES-003, REACH, and UKCA RoHS compliant

Environmental

Operating Temperature:	-10°C to 60°C (14°F to 140°F)
Storage Temperature:	-20°C to 70°C (-4°F to 158°F)
Humidity:	5 to 85%, non-condensing

For complete specifications, download the instruction manual at www.basler.com.

Related Products

DGC-2020 Digital Genset Controller

An advanced genset control system with extensive functionality and flexibility.

DGC-2020HD Digital Genset Controller

An advanced, but rugged genset control system designed for paralleling and complex load sharing schemes.

Ordering

7", single generator for use with DGC-2020HD
Order P/N 9643100100.

12", single generator for use with DGC-2020HD
Order P/N 9643100101.

12", multiple generator for use with DGC-2020HD
Order P/N 9643100102.

7", single generator for use with the DGC-2020
Order P/N 9643100103.

12", single generator for use with the DGC-2020
Order P/N 9643100104.