



ETHERNET-INTELLIGENT
OPERATOR INTERFACE



DIGI OP7200 eDISPLAY SERIES

The compact eDisplay is an intelligent operator interface ideal for data acquisition and stand-alone systems such as factory floor controls

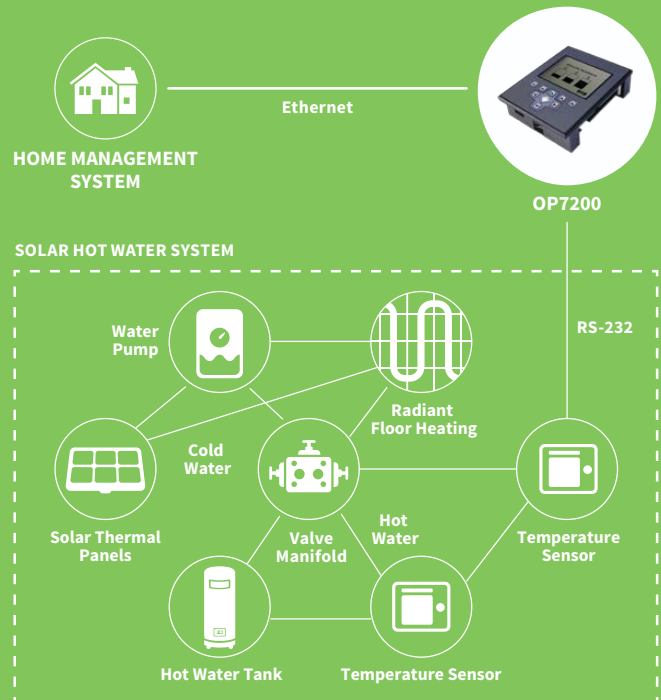
The OP7200 series of intelligent operator interfaces offers rugged I/O and Ethernet connectivity, along with optional A/D and touchscreen capabilities. The 10-Base-T Ethernet facilitates remote diagnostics, control and communication, including sending and receiving emails and alerts. Both models come equipped with a 1/4 VGA display with a 9-key keypad and programmable on/off white LED backlight. The OP7200 series also provides easy-to-use menu building software and offer a programmable audible alarm for prompt notification and keypad/display feedback.

Functionality of the OP7200 series can be expanded using the optional RabbitNet™ expansion cards. RabbitNet expansion cards can be tailored to a large variety of demanding applications.

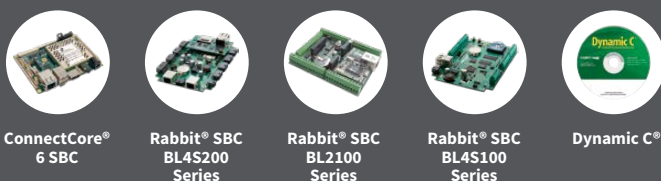
BENEFITS

- Rabbit® 2000 microprocessor at 22 MHz
- 1/4 VGA display (320 x 240 pixels)
- 10Base-T Ethernet, RJ-45
- 256K Flash/128K SRAM
- 24-27 industrialized I/O and 4 CMOS-compatible serial ports
- English and foreign language fonts
- Graphic and bitmap images
- Open source GUI libraries

APPLICATION EXAMPLE



RELATED PRODUCTS



SPECIFICATIONS		OP7200	OP7210
FEATURE			
MICROPROCESSOR	Rabbit® 2000 at 22 MHz		
ETHERNET PORT	10/100-compatible with 10Base-T interface, RJ-45		
FLASH MEMORY	256K		
SRAM	128K		
BACKUP BATTERY	Socketed 3V lithium coin type, 265 mA·h		
KEYPAD/DISPLAY	¼ VGA (320 × 240 pixels) with programmable white LED backlight, black on white display, transfective FSTN LCD, 6 o'clock viewing angle; 9-key keypad		
TOUCHSCREEN	4096 × 4096 resistive touchscreen	None	
LEDS	4: Power On, Microprocessor Error, Ethernet Link, Ethernet Activity		
DIGITAL INPUTS	19: Protected to ±36 VDC	16: Protected to ±36 VDC	
DIGITAL OUTPUTS	8: Individually configurable in software to sink up to 350 mA each, 36VDC max., or source up to 250 mA each, 40VDC max		
ANALOG INPUTS	8 single-ended or 4 differential, 200 kΩ input impedance, 1.5 ksamples/s sampling rate Software-controlled ranges: 0–1V, 2V, 5V 10V, 20 VDC (11-bit single-ended, 12-bit differential)	None	
CONNECTORS	Four 12-position screw-terminal headers, 0.1" pitch	Three 12-position screw-terminal headers, 0.1" pitch	
SERIAL PORTS	4 serial ports: <ul style="list-style-type: none"> • 2 RS-232 or 1 RS-232 (with CTS/RTS) • 1 RS-485 with onboard network termination and bias resistors or 1 RS-422 SPI master port • One 5V CMOS-compatible programming port 		
SERIAL RATE	Max. burst rate = CLK/32, Max. sustained rate = CLK/64		
REAL-TIME CLOCK	Yes		
TIMERS	Five 8-bit timers (4 cascadable from the first), one 10-bit timer with 2 match registers		
WATCHDOG/SUPERVISOR	Yes		
POWER	9–40 VDC or 22–26 VAC, 4W max.		
TEMPERATURE	Operating Range: -10° C to +65° C; Storage Range: -30° C to +80° C		
HUMIDITY	20% to 70%, non-condensing		
UNIT SIZE	4.41" × 5.67" × 1.70" (112 mm × 144 mm × 43 mm)		
PRODUCT WARRANTY	1 year		

PART NUMBERS	DESCRIPTION
20-101-0535	OP7200 With touchscreen
20-101-0536	OP7210 Without touchscreen

DIGI SERVICE AND SUPPORT / You can purchase with confidence knowing that Digi is always available to serve you with expert technical support and our industry leading warranty. For detailed information visit www.digi.com/support.

© 1996-2019 Digi International Inc. All rights reserved.
All trademarks are the property of their respective owners.

91001597
C3/319

DIGI INTERNATIONAL WORLDWIDE HQ
877-912-3444 / 952-912-3444 / www.digi.com

DIGI INTERNATIONAL GERMANY
+49-89-540-428-0

DIGI INTERNATIONAL JAPAN
+81-3-5428-0261 / www.digi-intl.co.jp

DIGI INTERNATIONAL SINGAPORE
+65-6213-5380

DIGI INTERNATIONAL CHINA
+86-21-50492199 / www.digi.com.cn



X-ON Electronics

Largest Supplier of Electrical and Electronic Components

Click to view similar products for [Display Modules](#) category:

Click to view products by [Digi International](#) manufacturer:

Other Similar products are found below :

[P6153-PR](#) [TDP0700T800480PCAP](#) [P6171DPR-DC-RS](#) [P6171DPR-DC-U](#) [TN0216ANVNANN-GN00](#) [TN0104ANVAANN-GN00](#)
[TN0181ANVNANN-GN00](#) [RVT43ULFNWC03 V4](#) [SM-RVT101HVBNWCA0](#) [SM-RVT35HHBFWCA0](#) [SM-RVT35HHBNWCA0](#) [SM-](#)
[RVT43HLBFWCA0](#) [SM-RVT43HLBNWCA0](#) [SM-RVT50HQBFWCA0](#) [SM-RVT50HQBNWCA0](#) [SM-RVT70HSBFWCA0](#) [SM-](#)
[RVT70HSBNWCA0](#) [LCM1602K-FL-YBW](#) [11769](#) [RVT28UEFNWC03](#) [RVT28UEFNWC05](#) [RVT50UQTNWC05](#) [RVT70AQFNWC00](#) [PIS-](#)
[0260](#) [ULCD-24PTU-AR](#) [2402980](#) [MIKROE-3158](#) [MIKROE-3159](#) [10563](#) [10737](#) [10829](#) [11870](#) [12030](#) [12219](#) [12287](#) [12824](#) [9201](#) [9904](#) [17-](#)
[8051-205](#) [98-0003-2525-2](#) [98-0003-2599-7](#) [98-0003-2664-9](#) [98-0003-3071-6](#) [MIKROE-3507](#) [MIKROE-3508](#) [MIKROE-3509](#) [MIKROE-](#)
[3510](#) [PH128800T004-ZFC](#) [EA SER164-NLW](#) [EA SER202-NLW](#)