

Largest display in the
PowerView line at 12.3 inches

Boasts high-speed processor
and wide-format display

Glass display surface offers
enhanced clarity and strength

Bonded glare-free LCD screen
for superior visibility in sunlight



ULTRA-WIDE, FULL-COLOR DISPLAY BRINGS POWER AND PERFORMANCE TO RUGGED APPLICATIONS

For rugged applications that need a wide view, the PowerView 1200 is the perfect fit. With a 12.3-inch ultra-wide LCD screen, operators can get the full view of their equipment on a single all-weather display.

Perfect as a gauge replacement, the PV1200 is easily viewed in full sunlight and contains a bonded LCD inside its IP67-rated case to keep it safe in all weather environments.

Equipped with a high-speed processor and 8 GB of storage, the PV1200 delivers seamless graphics, animations and video playback for a rich user experience.

The PV1200 is available in glove-friendly touchscreen and non-touchscreen models to suit the needs of your application.

BUILT FOR POWERVISION

PowerVision Configuration Studio® software lets programmers design stunning user interfaces, create intelligent applications with scripting and prototype quickly with a vast library of standard engine parameters.



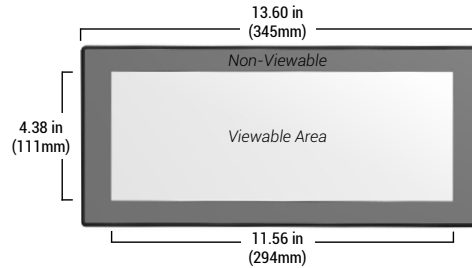
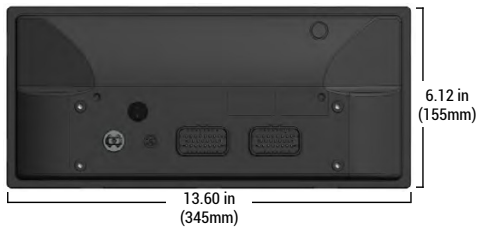
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POWerview® 1200

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DIMENSIONS



PRODUCT SPECIFICATIONS

COMPUTING	
PROCESSOR	Renesas® R-Car M2 with Arm® Cortex®-A15 dual-core processor @ 1.5 GHz (32-bit)
OPERATING SYSTEM	QNX® Realtime Operating System
STORAGE	8 GB flash memory
RAM	512 MB DDR3-SDRAM
GRAPHICS	Renesas graphics processor
DISPLAY	
SCREEN SIZE	12.3 inches (320 mm x 130 mm)
TYPE	LVDS IPS LCD with LED backlight, 24-bit color
RESOLUTION	1280 x 480
CONTRAST RATIO	Typ. 800:1
BRIGHTNESS	1000 cd/m ²
SURFACE	Anti-glare
TOUCH PANEL	Projected capacitive (PCAP) with glove touch
HARDWARE	
REAL TIME CLOCK	Available with battery backup
CONNECTORS	(2) AMPSEAL 23 pin (main) (1) M12 5 pin [Ethernet] (optional) (1) USB pigtail
VIDEO INPUTS	(3) NTSC/PAL (single channel viewable)

COMMUNICATION	
CAN	(2) CAN 2.0B according to ISO 11898-2, J1939 and proprietary messaging
SERIAL	RS-485 serial (Modbus: master or slave)
USB	USB 2.0 full speed host
ETHERNET	1 X Ethernet 10/100 Base-T (optional)
WI-FI	802.11 b/g radio (optional)
BLUETOOTH	Fully integrated Bluetooth 2.1, class 1 (optional)
ELECTRICAL	
OPERATING VOLTAGE	6 – 36 VDC, reverse polarity protected
INPUTS	(3) Analog 0–5 VDC, 4–20 mA, resistive, 10-bit resolution (5) Discrete digital, active-high (1) Frequency in (2Hz–10kHz) 5V pk-pk min, 49V pk-pk max
OUTPUTS	(1) 500 mA switched low-side (1) Frequency output (2Hz–3KHz)
ENVIRONMENTAL	
OPERATING TEMPERATURE	-40°C to +70°C (-40°F to +158°F)
STORAGE TEMPERATURE	-40°C to +85°C (-40°F to +185°F)
PROTECTION	IP66 and IP67, front and back, for outdoor use
VIBRATION	3.9 Grms (10–350Hz), 3 axes (ISO 15003)
SHOCK	±50G in 3 axes
EMC/EMI	SAE J1113, ISO 13766, CE per 2014/30/EU

FOR MANUALS, SUPPORT DOCUMENTS, AND WIRING DIAGRAMS PLEASE VISIT:

www.macquarrie.com.au/collections/powerview-displays