

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 high-quality graphics and animations 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.

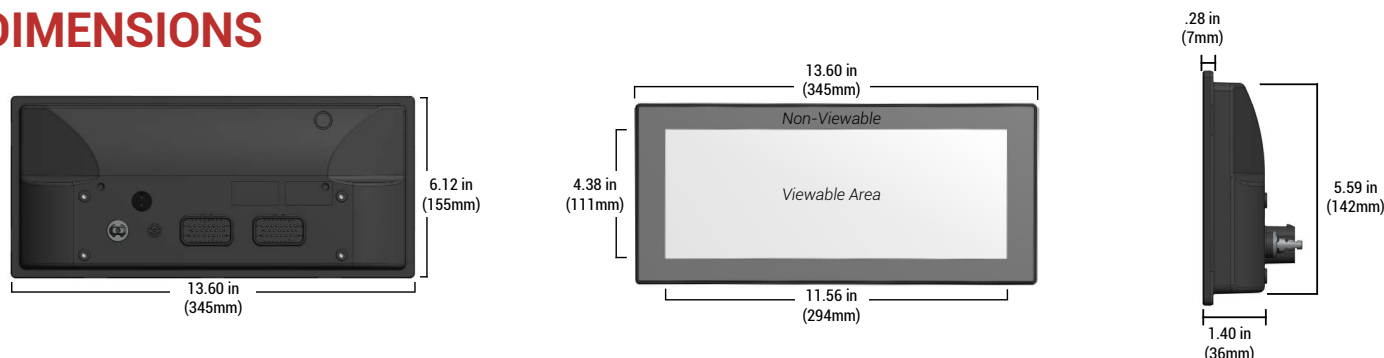


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POWERVIEW® 1200

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03-2022

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/m²
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)

⚠ WARNING: This product can expose you to chemicals including lead, which is known to the State of California to cause cancer. For more information, go to www.P65Warnings.ca.gov.

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 MODEL & PART INFORMATION

ENOVATIONCONTROLS.COM/PV1200

FOR MANUAL & SUPPORT DOCUMENTS

SUPPORT.ENOVATIONCONTROLS.COM

FOR SUPPORT & WARRANTY

ENOVATIONCONTROLS.COM/SUPPORT

SALES CONTACT



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