

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.

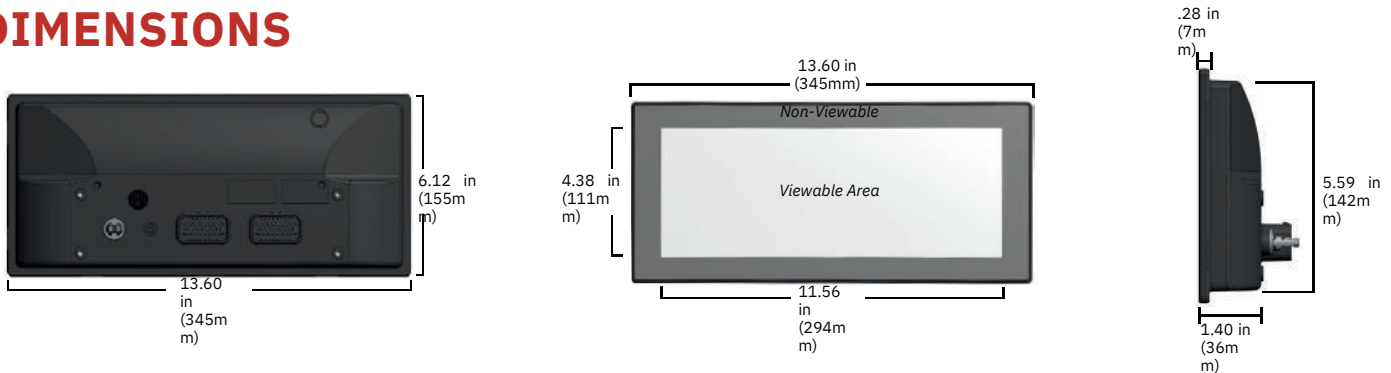


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POWerview® 1200

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DIMENSIONS



PRODUCT SPECIFICATIONS

COMPUTING		COMMUNICATION	
PROCESSOR	Renesas® R-Car M2 with Arm® Cortex®-A15 dual-core processor @ 1.5 GHz (32-bit)	CAN	(2) CAN 2.0B according to ISO 11898-2, J1939 and proprietary messaging
OPERATING SYSTEM	QNX® Realtime Operating System	SERIAL	RS-485 serial (Modbus: master or slave)
STORAGE	8 GB flash memory	USB	USB 2.0 full speed host
RAM	512 MB DDR3-SDRAM	ETHERNET	1 X Ethernet 10/100 Base-T (optional)
GRAPHICS	Renesas graphics processor	WI-FI	802.11 b/g radio (optional)
DISPLAY		BLUETOOTH	Fully integrated Bluetooth 2.1, class 1 (optional)
SCREEN SIZE	12.3 inches (320 mm x 130 mm)	ELECTRICAL	
TYPE	LVDS IPS LCD with LED backlight, 24-bit	OPERATING VOLTAGE	6 – 36 VDC, reverse polarity protected
RESOLUTION	color 1280 x 480	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
CONTRAST RATIO	Typ. 800:1	OUTPUTS	(1) 500 mA switched low-side (1) Frequency output (2Hz–3KHz)
BRIGHTNESS	1000 cd/m ²	ENVIRONMENTAL	
SURFACE	Anti-glare	OPERATING TEMPERATURE	-40°C to +70°C (-40°F to +158°F)
TOUCH PANEL	Projected capacitive (PCAP) with glove touch	STORAGE TEMPERATURE	-40°C to +85°C (-40°F to +185°F)
HARDWARE		PROTECTION	IP66 and IP67, front and back, for outdoor use
REAL TIME CLOCK Available with battery backup		VIBRATION	3.9 Grms (10–350Hz), 3 axes (ISO 15003)
(2) AMPSEAL 23 pin (main)		SHOCK	±50G in 3 axes
CONNECTORS (1) M12 5 pin [Ethernet] (optional)		EMC/EMI	SAE J1113, ISO 13766, CE per 2014/30/EU
(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.

FOR MODEL & PART INFORMATION

FOR MANUAL & SUPPORT DOCUMENTS

FOR SUPPORT & WARRANTY

ENOVATIONCONTROLS.COM/PV1200

SUPPORT.ENOVATIONCONTROLS.COM

ENOVATIONCONTROLS.COM/SUPPORT

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