ENOVATION CONTROLS®
A HELIOS COMPANY

Largest display in the PowerView line at 15 inches

Boasts high-speed processor and ultra wide-format display

Doubles the ram and storage of the PV1200

Bonded glare-free LCD screen for superior visibility in sunlight

THE LARGEST DISPLAY IN THE POWERVIEW LINE-UP BRINGS ULTIMATE PERFORMANCE TO RUGGED APPLICATIONS.

The PV-U150 is the all new flagship display in the PowerView line up, leading the way for the introduction of the Ultimate Series.

Designed specifically to address the unique needs of the recreation marine market, the PV-U150 builds off of the tried-and-true PV1200.

The Best gets Better!
- Double the ram and storage*
- A larger screen and higher resolution*
- Improved Bluetooth 5 technology*
- Same all day, all weather visibility (1000 Nits)*
- Same high horsepower processor*
- Same rugged IP67 rating*
- Same trusted I/O*
- Adds support for A2B audio and two simultaneous digital video streams over ethernet

*Compared to the PV1200

INTRODUCING THE POWERVIEW ULTIMATE SERIES

BUILT FOR POWERVIEW:

PowerVision Configuration Studio® software version 4.0+ lets programmers design stunning user interfaces, create intelligent applications with scripting and prototyping quickly with a vast library of standard engine parameters.
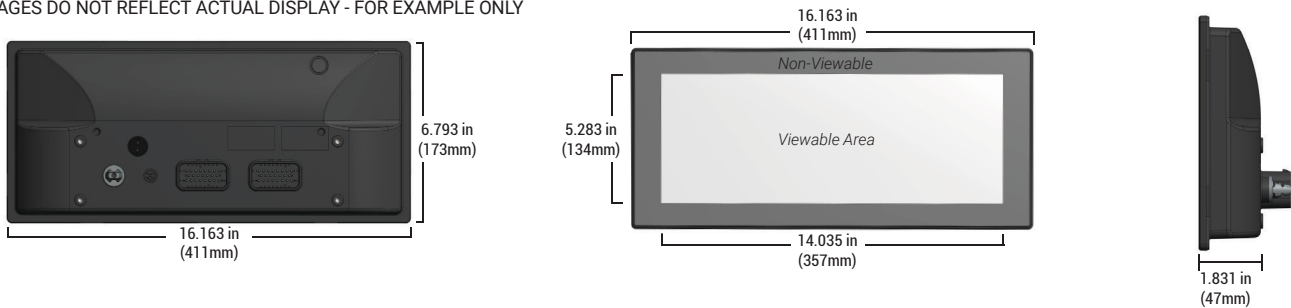
Tier 4 Final ready Stage IV

IP 67

Macquarrie

PV- **U150** ™

DIMENSIONS
IMAGES DO NOT REFLECT ACTUAL DISPLAY - FOR EXAMPLE ONLY

6.793 in (173mm)

16.163 in (411mm)

16.163 in (411mm)

Non-Viewable

Viewable Area

5.283 in (134mm)

14.035 in (357mm)

1.831 in (47mm)

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	16GB eMMC flash for operating systems and applications
RAM	1 GB
GRAPHICS	Renesas graphics processor

DISPLAY/HMI

SCREEN	15-inch, LVDS TFT LCD w/ LED backlight 24bit color
RESOLUTION	1920 x 720
CONTRAST RATIO / BRIGHTNESS	1000:1, 1000 cd/m^2
TOUCH PANEL	Projected capacitive (PCAP) with glove touch
SURFACE	Anti-glare finish

AUDIO/VIDEO

ANALOG VIDEO	4x Analog Inputs (NTSC & PAL)
DIGITAL VIDEO	2x Simulatenous streams over ethernet (720 @ 30 FPS)
AUDIO	JDAB Radio Controls 1x A2B connection outputs AM, FM, FM HD, and DAB radio 2x Analog audio line inputs 3x AMP turn on outputs 5x differential sterio audio line

INTERFACES

CAN	2CAN J1939
SERIAL	2x USB 2.0, 1x RS-485
WIFI	802.11(a, b, g, n)
ETHERNET	100MB M12 Code D Connection
BLUETOOTH	Bluetooth 5.0
INPUTS	5x Digital (active high or low) 3x Analog (0-5VDC, 2-20mA) 1x Frequency in (0.5Hz - 20kHz) 2x Antenna inputs via FAKRA connector
OUTPUTS	2x Frequency outputs 1x 500mA switched low-side

ELECTRICAL/ENVIRONMENTAL

OPERATING VOLTAGE	6-36 VDC, reverse polarity protected
OPERATING TEMPERATURE	-30C to 70C
PROTECTION	IP67
VIBRATION	ISOv 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