

5-inch full color glove-friendly
touchscreen

Open platform operating system allowing
users to utilize a wide array of developer
tools

Essential display features at an
unprecedented value

Powered by the Next Display Platform



ENOVATION CONTROLS' FIRST OPEN PLATFORM DISPLAY FAMILY BASED ON LINUX, OFFERING OUR LEGENDARY RELIABILITY AND VERSATILITY AT THE RIGHT PRICE

The OpenView™ S50 is a full color, edge-to-edge
touchscreen display powered by the NEXT DISPLAY
PLATFORM™.

Designed specifically on an open platform, the
OpenView™ family of displays allows developers to
design GUI's with their selected toolset.

Easily viewed in full sunlight and containing a high
brightness LCD panel inside its IP65-rated case, the
OpenView™ S50 delivers the all-weather performance
Enovation Controls is known for at an unprecedented
value.

The OpenView™ S50 comes standard with a glass-
front, glove-friendly touchscreen suited to a wide
array of applications.

BUILT FOR:
OpenPV™

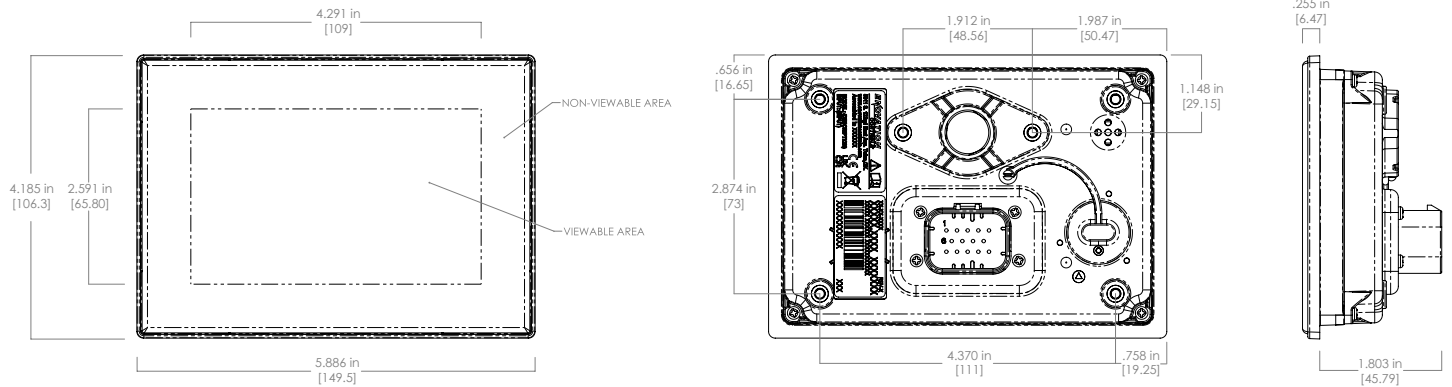


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65**

ENOVATIONCONTROLS.COM/S50

OpenView™ S50

DIMENSIONS



PRODUCT SPECIFICATIONS

COMPUTING

PROCESSOR	2x 650Mhz Arm Cortex A7 + GPU (OS/Graphics)
COPROCESSOR	1x 200Mhz Arm Cortex M4 (Real time control)
STORAGE	4GB eMMC flash for operating systems and applications
RAM	512MB, 16 Bit
GRAPHICS	Integrated graphics processor

ELECTRICAL/ENVIRONMENTAL

OPERATING VOLTAGE	6 – 36 VDC, reverse polarity protected
OPERATING TEMP	-20°C to 70°C
STORAGE TEMP	-30°C to 70°C
PROTECTION	IP65
VIBRATION	IEC 60068-2-64
SHOCK	IEC 60068-2-27
EMC/EMI	ISO 14982:2009, ISO 13766:2018

INTERFACES

CAN	1 CAN
SERIAL	USB 2.0, RS-485
WIFI	802.11 b/g/n
BLUETOOTH	Bluetooth V4.2 + EDR BR/EDR and Bluetooth LE specification
INPUTS	2x Resistive (0-5V), 2x Dig/Ana (0-36v)
OUTPUTS	2x 500 mA Low-side
USB	USB Type-C with Locking Connector

DISPLAY/HMI

SCREEN	5-inch, RGB IPS LCD w/ LED backlight 24bit color
RESOLUTION	800 x 480
CONTRAST RATIO	800:1
TOUCH PANEL	Projected capacitive (PCAP) with glove touch
BUZZER	For alarms & notifications. 80dB, Adjustable Frequency

⚠ 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

ENOVATIONCONTROLS.COM/S50

FOR MANUAL & SUPPORT DOCUMENTS

SUPPORT.ENOVATIONCONTROLS.COM

FOR SUPPORT & WARRANTY

ENOVATIONCONTROLS.COM/SUPPORT

SALES CONTACT

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