cMT-SVR-200v2 | Standard HMI Series

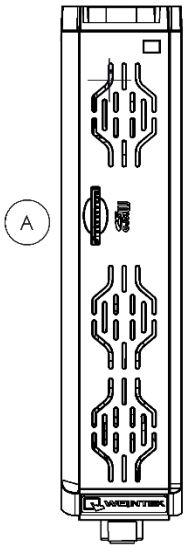


Headless HMI with IIoT Features

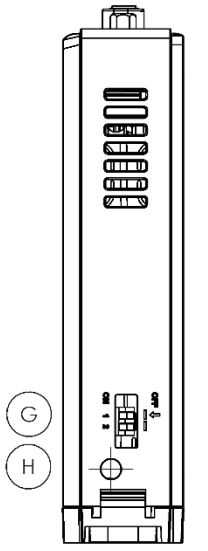
- Enhanced Graphics, Animation, and Security
- Email Alarm Notification
- Recipe, Data Logging, Pie Charts
- Trend Graphics, Circular Trends
- Wi-Fi Functionality

System	**CPU**	Quad-core RISC
	Memory (RAM)	256 MB
	Memory (Flash)	256 MB
	RTC	Built-in
I/O Ports	**Serial**	1 x DE9P COM1: RS-232, COM2: RS-485 2 or 4 wire, COM3: RS-485 2 wire
	LAN	1 x 10/100 BASE-T RJ-45
	CANbus	N/A
	USB Host	1 x USB 2.0
	USB Client	N/A
	Audio	N/A
	Video	N/A
	Wi-Fi	1 x IEEE 802.11 b/g/n
	HDMI®	N/A
	SD Card Slot	1x MicroSD, 32GB capacity
Electrical	**Input Voltage**	24±20%VDC
	Input Current	450 mA@24VDC
	Input Power	10.8 W
	Power Isolation	Built-in
	Isolation Resistance	Exceed 50 MΩ at 500 VDC
Mechanical	**Enclosure**	Plastic, charcoal grey
	PCB Coating	Yes
	Dimensions (W x H x D)	1.06 x 5.12 x 4.53 inches [27 x 130 x 115 mm]
	Net Weight	Approx. 0.40 lbs. [0.18 kg]
	Mounting	35 mm DIN rail
Environmental	**Operating Temperature**	-4° ~ 131°F (-20° ~ 55°C)
	Storage Temperature	-4° ~ 158°F (-20° ~ 70°C)
	Relative Humidity	10% ~ 90% (non-condensing)
	Altitude (Air Pressure)	Below 3,000 meters (70.1 kPa)
	Vibration Endurance	10 to 25 Hz (X, Y, Z direction, 2G, 30 minutes)
	Rating	IP20
	Certifications	cULus, CE, RoHS
Software	EBPro (v6.09.02 or later), EasyAccess 2.0 (optional), IIoT Ready, MQTT, Sparkplug, cMT Viewer	
Notes	Specifications subject to change without notice	

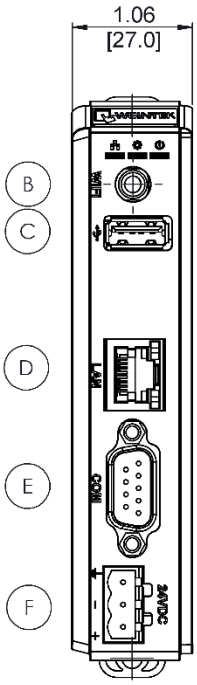
Dimensions are in inches [mm]

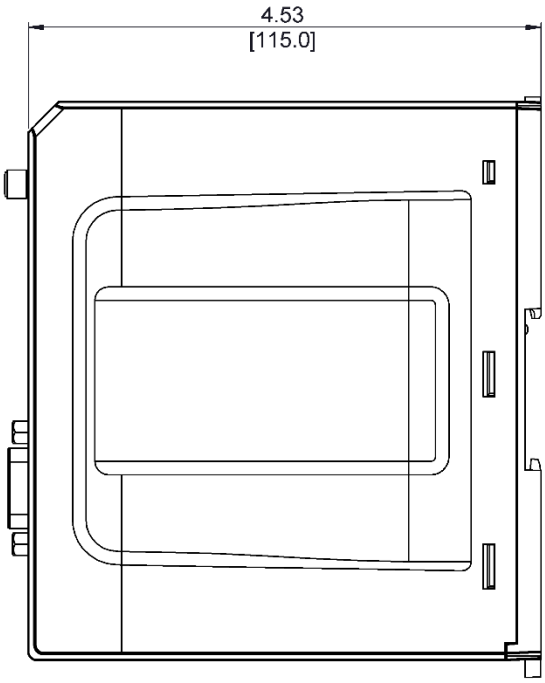


Top View

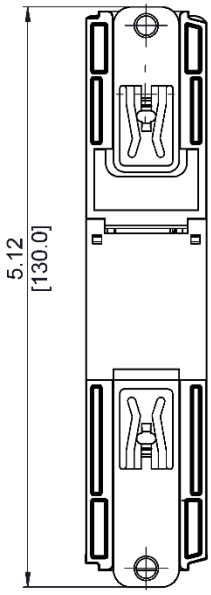


Bottom View

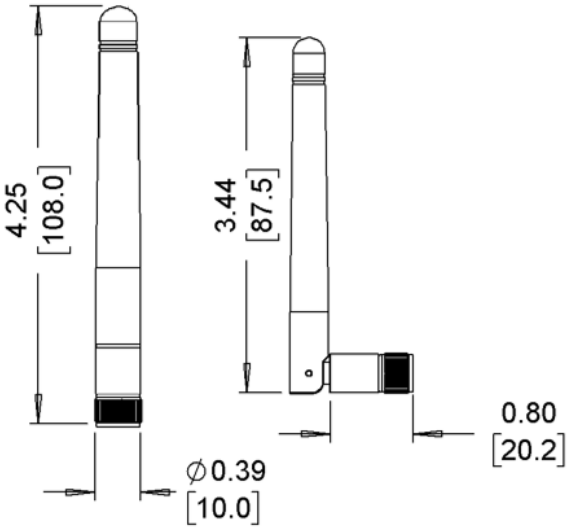




Side View



Rear View



A	MicroSD Card Slot
B	Wi-Fi Antenna Connector
C	USB 2.0 Host Port
D	Ethernet Port
E	COM Port DE9P
F	Power Connector
G	DIP Switches
H	Reset Button

Why Buy A Maple HMI

In addition to our powerful and affordable hardware, we'll also continue to support your company long after a sale. Wide product selection, large in-stock inventory, outstanding product warranty, free technical support and software, and in-house repairs with quick turnaround times, Maple Systems has your business covered.



WiFi-Enabled Headless HMI

Our industrial wifi enabled headless HMIs, having few installation and wiring restrictions, are ideal for mobile application, remote monitoring, and device maintenance. By adding a wifi-enabled HMI, you to easily connect the display to the facility wireless network without running additional ethernet cable to the HMI. Whether you have a dedicated access point, such as a wifi router or cellular modem, or whether
you use mobile hotspots, you can connect to your Maple Systems wifi-enabled HMI quickly and easily to receive the latest updates, make modifications to your application, or control your operations wirelessly.

OPC UA

Our headless HMIs support OPC UA and provide a simple and effective solution for users requiring communication between on-site machines and upper layer management / SCADA systems. This proven technology is easy to implement and well supported by SCADA and enterprise management software. The OPC UA feature allows users to leverage our extensive library of protocol drivers to connect new or existing equipment to a secure, reliable management network.

Remote Access

Remote access is the ability to access a HMI or connected device, from another device, at any time, and from anywhere. With our free HMI configuration software and supported hardware solutions, you have the freedom to access the HMI, and all its data and applications, from another device (ex. tablet, smart phone, PC) and control it as if you were standing in front of it.

Need more? Access the Industrial Internet of Things (IIoT) with our Advanced HMIs. Take data from your factory floor and share it with a server (local or a cloud service), offering greater efficiency for network use and enabling better access to and better sharing data for your entire organization.

Build your SCADA

We offer all the components you need to create your own unique level of supervisory data acquisition and control, from the simplest stand- alone machine to sophisticated multi-device networked production line(s), all the way to enterprise-level operations and IIoT functionalities leveraging cloud connectivity.

Our products can help you standardize communications between devices, gluing different systems together for one source to your SCADA. No need to redesign your entire application. Keep the components that are already working for you, just add Maple Systems components to grow your abilities to supervise, control, and acquire data.

Incredible Functionality Out of the Box

- Easily and quickly create the project with functional objects including numeric object, lamp object, combo- button, alarms, and recipes
- Pick and place objects, pictures, and shapes
- Import/export recipes
- Create trend display, graphs, XY plots, and pie charts
- Add passwords and security levels
- Assign communication (PLC) drivers easily and more with our Free HMI software

Additionally our HMIs support remote access solutions with VNC, MQTT, and OPC UA. For additional features see our Advanced HMI series.



User Friendly HMI Configuration Software

Because designing the layout of screens and user-interface (UI) of the HMI is typically where most of the development time is spent, we've made our Free HMI configuration software easy to use.

- Import tags feature
- Tools to diagnose and monitor PLC to HMI connection
- Debugging tools
- Pre-built libraries
- Off-line and on-line simulation

These are just a few of the ways our software makes creating your project easier. We also have controller information sheets, cable drawings, sample projects, Getting Started Guides, and videos/tutorials available in our support center 24/7.



Programmable Logic Controller (PLC) Connectivity

With over 300 PLC & Controller communication protocols, these HMIs will easily integrate with your preferred PLC brands, including:

Allen-Bradley
Siemens
Omron
Emerson
GE
Panasonic
Mitsubishi
...and many more

Maple Systems, Inc. | 808 134th St SW, suite 120, Everett, WA 98204 | 425.745.3229 |
maplesystems.com

Headless HMIs Feature Overview

Standard Headless HMI	Advanced Headless HMI	High-Performance Headless HMI
Alarm & Event Messages	Alarm & Event Messages	Alarm & Event Messages
Animation - Flow Block	Animation - Flow Block	Animation - Flow Block
ASCII Characters	ASCII Characters	ASCII Characters
BACnet	BACnet	BACnet
Bar Graphs	Bar Graphs	Bar Graphs
Barcode Scanner (Android Camera)	Barcode Scanner (Android Camera)	Barcode Scanner (Android Camera)
cMT Diagnoser	cMT Diagnoser	cMT Diagnoser
cMT Viewer Support	cMT Viewer Support	cMT Viewer Support
Combo Button	Combo Button	Combo Button
Data Logging and Sampling	Data Logging and Sampling	Data Logging and Sampling
Database Server	Database Server	Database Server
Date / Time	Date / Time	Date / Time
Dynamic Drawing	Dynamic Drawing	Dynamic Drawing
Dynamic Scale	Dynamic Scale	Dynamic Scale
EasyAccess 2.0	EasyAccess 2.0	EasyAccess 2.0
EasyWatch	EasyWatch	EasyWatch
Email	Email	Email
Enhanced Security Mode	Enhanced Security Mode	Enhanced Security Mode
Event Alarm Log	Event Alarm Log	Event Alarm Log
File Transfer Protocol (FTP)	File Transfer Protocol (FTP)	File Transfer Protocol (FTP)
Grid Display	Grid Display	Grid Display
Languages (Up to 24)	Languages (Up to 24)	Languages (Up to 24)
Libraries	Libraries	Libraries
Macro Windows Open / Cycle / Close	Macro Windows Open / Cycle / Close	Macro Windows Open / Cycle / Close
Macros	Macros	Macros
Meters & Gauges	Meters & Gauges	Meters & Gauges
Modbus	Modbus	Modbus
MQTT	MQTT	MQTT
MQTT - Advanced JSON	MQTT - Advanced JSON	MQTT - Advanced JSON
MQTT - AWS IoT, Sparkplug B, Azure IoT Hub, Google Cloud IoT Core	MQTT - AWS IoT, Sparkplug B, Azure IoT Hub, Google Cloud IoT Core	MQTT - AWS IoT, Sparkplug B, Azure IoT Hub, Google Cloud IoT Core
Objects (Grouping, Layering, Aligning, Flip)	Objects (Grouping, Layering, Aligning, Flip)	Objects (Grouping, Layering, Aligning, Flip)
Off-line / On-line Simulation	Off-line / On-line Simulation	Off-line / On-line Simulation
OPC UA Client	OPC UA Client	OPC UA Client
OPC UA Server	OPC UA Server	OPC UA Server
Operation Log	Operation Log	Operation Log
Pass-Through Mode	Pass-Through Mode	Pass-Through Mode
Picture Object	Picture Object	Picture Object
Pie Chart	Pie Chart	Pie Chart
PLC Tag Embedded in Project	PLC Tag Embedded in Project	PLC Tag Embedded in Project
Project Password	Project Password	Project Password
Recipes	Recipes	Recipes
Remote Access	Remote Access	Remote Access
Scheduler	Scheduler	Scheduler
Security Levels (Enhanced)	Security Levels (Enhanced)	Security Levels (Enhanced)
SQL Database Server Integration	SQL Database Server Integration	SQL Database Server Integration
String Table	String Table	String Table
System Setting Editor	System Setting Editor	System Setting Editor
Table	Table	Table
Text Object	Text Object	Text Object
Time Synchronization	Time Synchronization	Time Synchronization
Timer Object	Timer Object	Timer Object
Trend Display (Graphs)	Trend Display (Graphs)	Trend Display (Graphs)
USB Tethering	USB Tethering	USB Tethering
Utility Manager	Utility Manager	Utility Manager
XY Plot	XY Plot	XY Plot
	CODESYS	CODESYS
	WebView	WebView
		Create a Andon/Status Display
		VNC Viewer
		VNC Server
		User-Defined Start-Up Screen
		Picture Viewer
		File Browser
		IP Camera
		USB Camera
		Media Player
		PLC Web Browser
		PDF Reader
		Web Streaming

This table is for illustration only and subject to change. Always check the software to see if a feature is supported in your specific hardware.