

# SoftPLC Web Studio HMIs

## Cat Nos. SSHx

### General Description

SoftPLC Web Studio HMI's (Cat. Nos. SSHx) are rugged graphical operator interfaces with a high resolution touchscreen display. Shallow depth, fanless design, and industrial packaging make these HMI's suitable for a wide range of applications and mounting options. SSH HMI's can be used in applications ranging from simple machine controls to complete SCADA systems, in industries such as packaging, utilities, discrete manufacturing, batch/continuous processing, HVAC, and many more.

### HMI Features

SoftPLC Web Studio development software is used to create applications for all SSH HMIs, and the same application can be downloaded to any SSH HMI model. Loaded with features, yet easy to use, applications can include:

- ◆ Object oriented graphic displays with customizable objects
- ◆ Extensive graphics library, or use imported files from over 15 formats
- ◆ Data Logging & Reporting
- ◆ Real-time & Historical Trending
- ◆ Alarm & Recipe Management
- ◆ Tag database with variety of data types
- ◆ Programming via flexible scripting language with over 100 functions
- ◆ Automatic language translation

In addition to the physical SSH HMI system, the runtime application screens can be viewed simultaneously in a remote computer or mobile handheld device. They connect by means of a TCP/IP (internet/intranet) web link, through the built-in Client/Server architecture, and the application runs in a browser. A single Client session is included with each SSH unit and additional concurrent sessions can be purchased.



### Hardware Features

All SSH HMI models include these features:

- ◆ High resolution TFT touchscreen display - standard units available in sizes from 7" to 21"
- ◆ Bright display with wide viewing angle
- ◆ Ethernet, Serial & USB ports
- ◆ Removable flash, SSD or hard drive options in a variety of sizes
- ◆ Operating system options, Windows 10, Win10 IoT embedded and WinCE
- ◆ Fanless operation, NEMA4/IP65 front panel, NEMA4X and Class I/Div 2 systems available
- ◆ Suitable for industrial environments, including outdoor/mobile installations
- ◆ Panel mount (*wall , tabletop, arm mount options*)

"Virtual" HMI models are also available without a display. Virtual HMI's allow customers to provide their own display, use browser-based display, remote the display from the CPU or to use multiple displays. Virtual HMI's also can be used for applications that don't require a full-time display, such as data loggers, IoT, and others.