

## STANDARD FEATURES AND OPTIONS HMW 2000 WINDOWS CE SERIES WORKSTATIONS

### STANDARD ON ALL MODELS:

Active TFT High Bright Flat Panel Display	RS232/485 Port
Geode or Strongarm CPU	RS232 Port
Windows CE 3.0/CE.NET	Keyboard Connection
32MB RAM	Mouse Connection
32 MB Flash Memory	10/100 Ethernet
Universal Input 84-268 VAC (50-60 Hz)	
Power Supply*	

Have Questions  
or need additional  
information?

Contact us:  
info@hmwent.com  
sales@hmwent.com  
or  
Phone 717-765-4690  
Fax 717-765-4660

### Panel Mount

#### NEMA 4X faceplate

	Dimensions*	Cutout
2010P-G4E	9.50"H x 11.75"W x 4.00"D	8.63"H x 10.88"W
2012P-G4E	10.69"H x 13.63"W x 4.38"D	9.69"H x 12.63"W
2015P-G4E	14.00"H x 16.25"W x 3.50"D	12.44"H x 15.38"W

### Arm Mount, NEMA 12

	Dimensions*
2010A-G2E	10.88"H x 15.13"W x 4.31"D
2012A-G2E	11.88"H x 16.56"W x 3.75"D
2015A-G2E	13.50"H x 19.25"W x 3.75"D

Request quotes  
online at  
www.hmwent.com

*\*Dimensions do not include mounting.*

**Standard VESA mount pattern for all enclosures except Panel Mount**

### ADDITIONAL OPTIONS:

**Stainless Steel Enclosure**

**Mounting Accessories**

**Panel Mount - NEMA 4/4X;**

**Touch Screen**

**DC Power Supply**

**Flash Memory:**

**Wireless Configurations Available**

**Wall / Arm / Desk / Other**

**VESA Mount - NEMA 4, 4X or 12**

**Resistive or Capacitive**

**24 VDC**

**Contact Factory**

### Mount Options



Desk Mount



Wall Mount



Articulating Arm Mount

HMW Enterprises, Inc.

HMW Enterprises provides the most powerful current versions of CPUs, HDs and DRAM. Because the specifications of these components change with market conditions, we encourage you to consult your HMW sales contact before ordering.

# 2000 Series HMW Operator Stations

## Mounting Options:

- Panel
- Arm
- Desktop
- Wall

**Enclosure Choice**  
Powder Coat Dark  
Grey Sandstone  
Finish  
or  
Optional Stainless  
Steel

**Optional  
NEMA 4/4X  
Enclosure**

**Dual serial ports**

**Ethernet-ready**

**Runs Windows  
CE 3.0 and  
CE.NET**

**Optional Touch  
Screen  
Resistive or  
Capacitive**

**10 to 15 Inch  
Screen Sizes  
Available**



Optional Stainless  
Steel Enclosure

## Description

HMW Series 2000 HMI® Workstations come with the Windows CE operating system installed, licensed to run all CE-based SCADA systems and soft logic control software. Low power CPU-based architecture minimizes heat build-up and power usage. These workstations may be embedded in tight enclosures and confined spaces.

The embedded controller includes a powerful CPU with built-in Ethernet port, two/three serial ports, PS/2 keyboard/mouse ports and expandable flash memory. With its multiple ports, an HMW Series 2000 Operator Station is ready to connect to I/O, LAN, WAN, Ethernet and Internet.

Active TFT flat panels are provided in VGA, SVGA and XGA, depending on the size of the operator station. Standard screen sizes are 10.4 in., 12.1 in. and 15 in. Larger and custom sizes will be quoted on request.

Our burn in procedure starts with 48 hours operating at normal room temperature and another 48 hours in our oven at 40° C to ensure the reliability of each and every system.

Each system is quality certified by experienced computer technicians. We use only high quality parts including stainless steel fasteners and stand-offs. All modular components are spec'd to the highest possible MTBF rating (typically 300,000 hours) and the widest possible temperature operating range. We build these systems to provide the customer with outstanding cost of ownership!

HMI® is a registered trademark of HMW Enterprises, Inc.

## PROCESSOR AND MEMORY

CPU	Geode or Strongarm
Standard Memory	32 MB SDRAM (Expandable)
Flash Memory	32 MB (Expandable)

## OPERATING SYSTEM

Embedded CE or CE.NET

## OPTIONAL TOUCH SCREEN

Resistive or Capacitive

## PORTS

Serial	RS-232 RS-232/RS-485
Ethernet	10/100

## DISPLAYS

Type	High Resolution TFT LCD flat panel
Size	10/12/15/18-inch

## POWER INPUT

Universal Input  
84 - 264 VAC  
(50-60 Hz)  
Optional 24 VDC Pwr

## ENVIRONMENTAL

Operating Temperature	0 to 50° C
Storage Temperature	-25 to 60° C
Humidity	80% RH Max. (non-condensing)



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