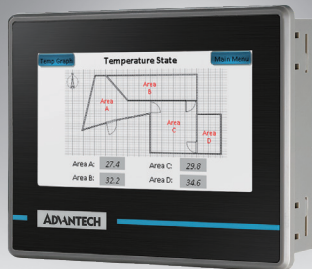


WOP-204K

4.3" WQVGA Operator Panel Installed with HMINavi Software



Features

- ARM9™ 32-bit RISC processor with 64 MB SDRAM working memory
- Supports over 500+ PLC industrial communication protocols
- Backup memory 128KB for retaining critical data or parameter
- Supports the HMINavi Designer development tool free on Windows 10
- Supports HMINavi Runtime data downloads through Serial, Ethernet, USB port
- No limitation on the internal I/Os points used for variety application
- Reliable firmware setting from HMINavi software for 24/7 operation
- Easy to switch one application to different LCD sizes in seconds
- Supports operation in both landscape and portrait mode
- Panel mount design ensures easy installation and IP66-rated front panel

Introduction

To fulfill the stringent standards of the automation market, especially for packaging, label slitting, and F&B applications, Advantech developed the WOP-200K series for diverse operations that involve PLCs, thermal controllers, inverters, and sensors. Powered by an ARM9™ 32-bit RISC processor with 64 MB working memory, the WOP-200K series systems are available with LCDs of varying size (from 4.3" to 15"). Additionally, WOP-200K systems are bundled with Advantech's HMINavi software – a human-machine interface designed for HMI applications to reduce labor and improve manufacturing efficiency through visualization. Powerful connectivity drivers support 500+ variety market brands of PLC.

Specifications

General

- Certification** CE, FCC, UL61010
- Dimensions (W x H x D)** 129 x 103 x 31.3mm (5.08" x 4.06" x 1.23")
- Cutout Dimensions** 118.5 x 92.5mm (4.67" x 3.64")
- Front Panel Thickness** 5 mm (0.19 in)
- Operating System** HMI RTOS, HMINavi Designer
- Power Supply Voltage** 24V_{DC} ± 10%, Isolation
- Power Consumption** 10W
- Enclosure Housing** Plastic
- Mount Options** Panel
- Weight (Net)** 0.23 kg (0.51 lbs)

System Hardware

- CPU** ARM9™ 32-bit RISC processor
- Battery Backup Memory** 128KB
- Working Memory** 64 MB SDRAM
- Storage** 128 MB NAND Flash
Runtime Max Size: 64 MB
Data Logger Max Size: 64 MB

Communication Interface

- COM1** RS-232 (5-Pin Terminal)
- COM2** RS-422/485 (5-Pin Terminal)
- COM3** RS-485 (5-Pin Terminal)
- Ethernet (RJ45)** 10/100-BaseT
- I/Os** 1 x USB (Client)
1 x USB (Host)

LCD and Touchscreen

- Display Type** WQVGA TFT LCD
- Display Size** 4.3"
- Max. Resolution** 480 x 272
- Max. Colors** 65,536 colors
- Luminance (cd/m²)** 400
- Backlight Life** LED, 20,000 hr
- Touchscreen** 4 wires analog resistive

Environment

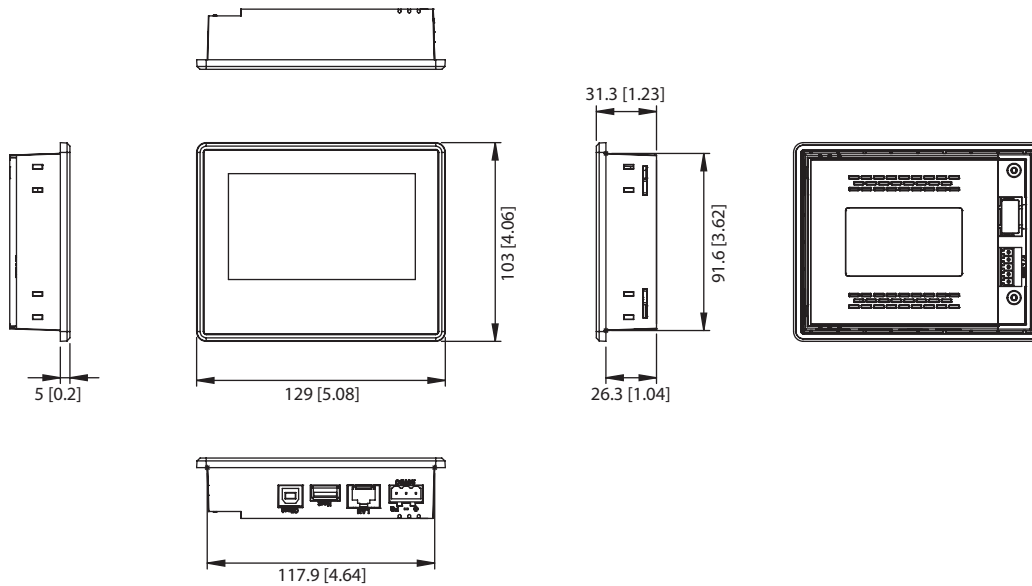
- Operating Temperature** -15 ~ 65°C (5 ~ 149°F)
- Storage Temperature** -20 ~ 70°C (-4 ~ 158°F)
- Humidity** 95% RH @ 40°C, non-condensing
- Ingress Protection** Front panel: IP66
- Vibration Protection** 5 ~ 500Hz (X,Y,Z direction, 1Grms, 1hour per axis)

Ordering Information

- WOP-204K-NAE** 4.3" WQVGA, 64MB, 128MB(NAND), Serial x3, Ethernet
- WOP-204K-SAE** 4.3" WQVGA, 64MB, 128MB(NAND), Serialx3

Dimensions

Unit: mm [inch]



Panel Cutout Dimensions: 118.5 x 92.5 mm (4.67 x 3.64 in)

Optional Accessories

DIN-Rail Type Power Supply Module

- PSD-A60W24 DIN RAIL A/D 100-240V 60W 24V
- PSD-A120W24 DIN RAIL A/D 100-240V 120W 24V

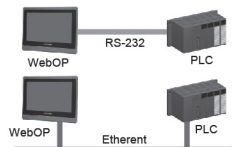
Rear View



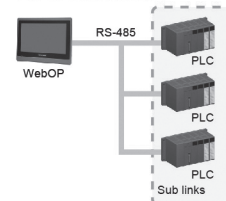
Communication Links

Direct Link

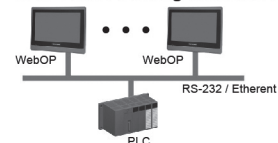
1-to-1 Connection



1-to-N Connection



N-to-1 Data Sharing Connection

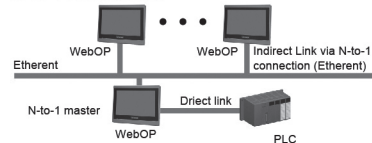


In-Direct Link

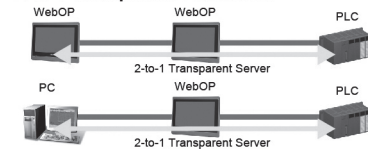
2-to-1 Connection



N-to-1 Connection



2-to-1 Transparent Connection



Tento produkt můžete zakoupit u společnosti AutoCont IPC a.s.



AutoCont IPC a.s.

Váš dodavatel průmyslových počítačů, komponent a speciálních průmyslových IT systémů.

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 +420 552 301 002

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eshop.autocont-ipc.cz



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Doprava zdarma v ČR a SR při objednávce nad 10 000 Kč bez DPH nebo nad 400 EUR.



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Záruka 2 roky na vyráběné počítače s možností jejího prodloužení až na 5 let.



ODMĚNA ZA VĚRNOST

Pravidelní zákazníci u nás nakupují za nižší ceny. Výše slevy se odvíjí od realizovaného obrátu.



SERVIS ON-SITE A IN-TIME

K projektovým dodávkám nabízíme rozšířenou podporu a servis s garancí výměny zařízení do 48 hodin.