



ADVANTECH WOP-200K Human Machine Interface Installation Guide

[Home](#) » [Advantech](#) » ADVANTECH WOP-200K Human Machine Interface Installation Guide 

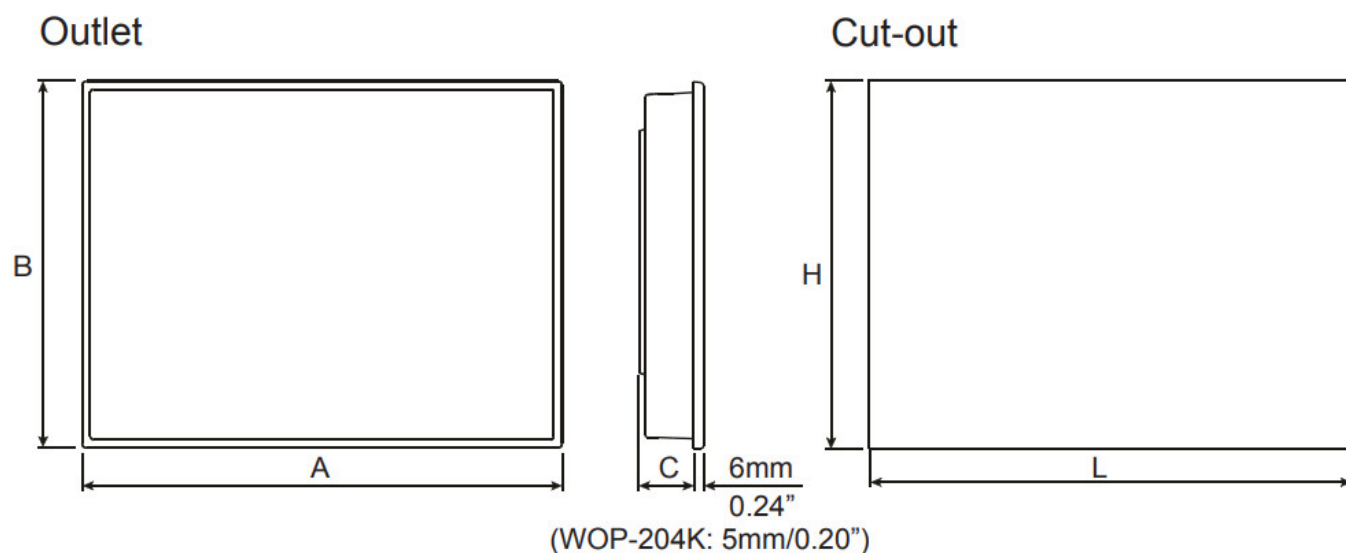


Contents

- [1 WOP-200K Human Machine Interface](#)
- [2 Function view](#)
- [3 Pin Diagram](#)
- [4 Documents / Resources](#)
- [5 Related Posts](#)

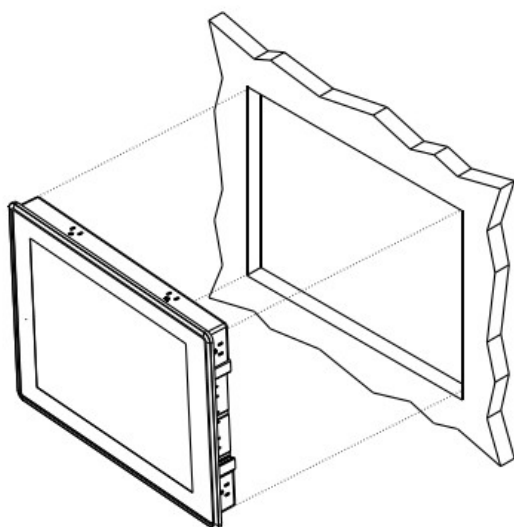
WOP-200K Human Machine Interface

WOP-200K/WOP-200K

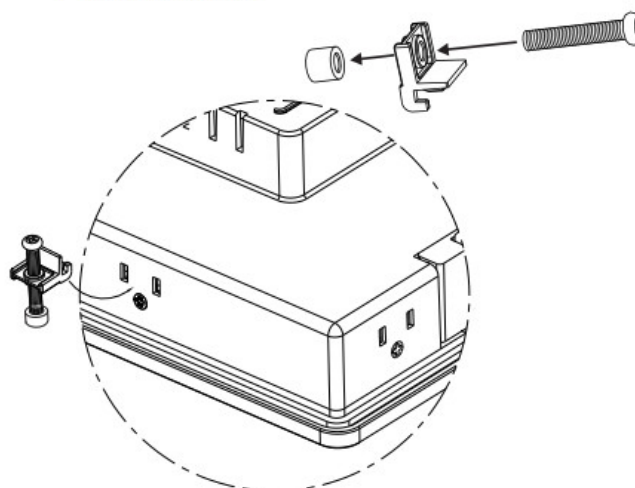


Model	A	B	C	L	H
WOP-204K-NAE	129mm/5.08"	103mm/4.06"	26.3mm/1.04"	118.5mm/4.67"	92.5mm/3.64"
WOP-207K-NAE	189.6mm/7.46"	144.9mm/5.70"	30mm/1.18"	175mm/6.89"	132.5mm/5.22"
WOP-208K-NAE	233mm/9.17"	176mm/6.93"	37.3mm/1.47"	221mm/8.70"	164mm/6.44"
WOP-210K-NAE	270.1mm/10.63"	212.1mm/8.35"	37.4mm/1.47"	259.5mm/10.22"	201.5mm/7.93"
WOP-212K-NAE	335.4mm/13.21"	245.8mm/9.68"	54.3mm/2.14"	302mm/11.89"	228.5mm/9.0"
WOP-215K-NAE	399.1mm/15.71"	297.6mm/11.72"	51.3mm/2.02"	384.5mm/15.14"	283mm/11.14"

Installation drawing/ Metal locks



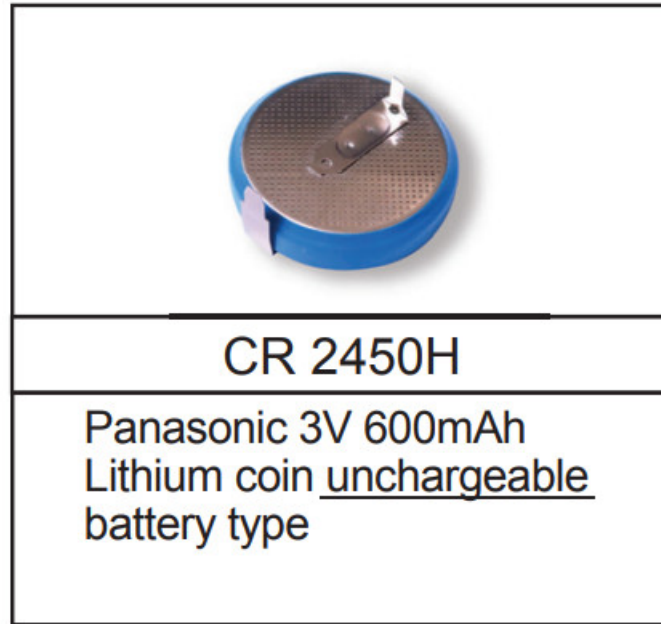
Fixed screw



Tighten each fixing screw until the bezel corner gets in contact with the panel. Suggested torque for fixing

screws: 0.25~0.34Nm .

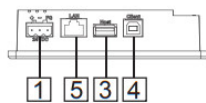
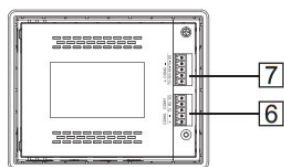
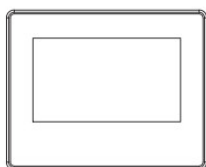
Dispose of batteries



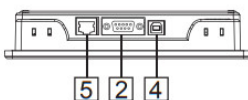
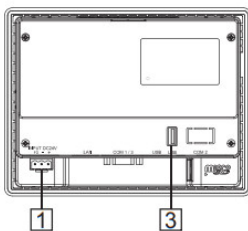
Dispose of batteries according to local regulations.

Function view

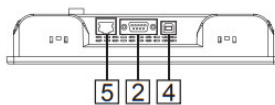
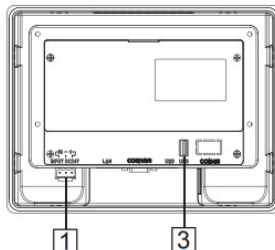
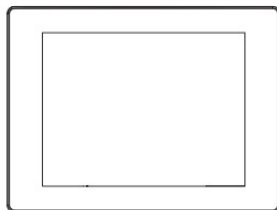
WOP-204K-NAE



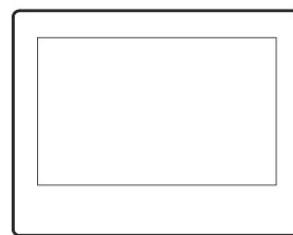
WOP-207K-NAE



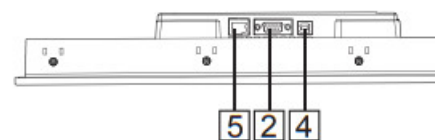
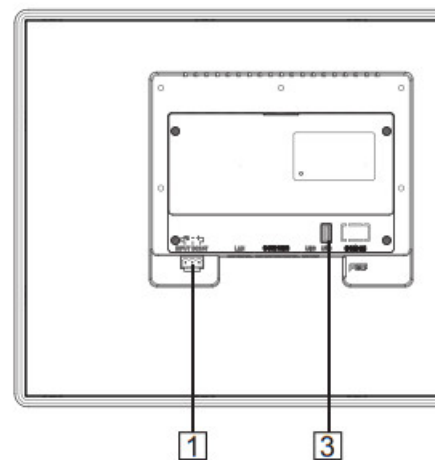
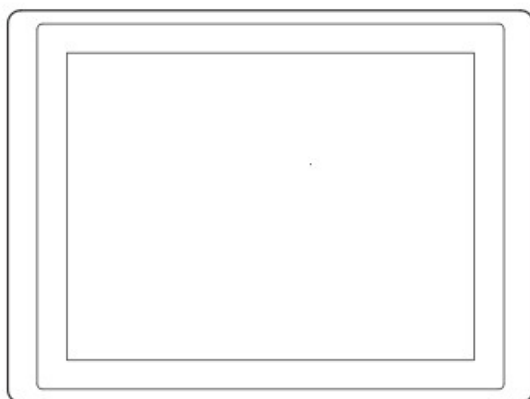
WOP-208K-NAE



WOP-210K-NAE



WOP-212K-NAE

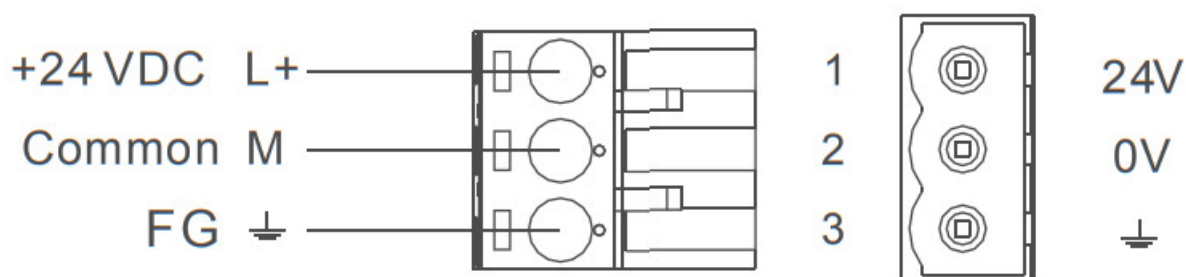


1. Power connector .
2. COM1&2&3 9Pin female.
3. USB host .
4. USB client .
5. Ethernet port .
6. COM1&3 5Pin terminal.
7. COM2 5Pin terminal.

Power supply



Powered by low voltage/Limited energy power source.



Do not open the rear cover of the panel when power is applied.

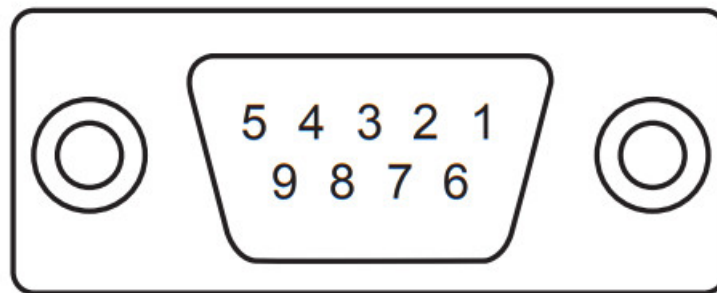


Be sure that the power supply has enough power capacity for the operation of the equipment.

- WOP-204K: 24VDC $\pm$ 10% / 0.4A
- WOP-207K & WOP-208K & WOP-210K &
WOP-212K & WOP-215K : 24VDC $\pm$ 10% / 0.8A

Pin Diagram

WOP-204K-N AE	COM1 & COM3 5 Pin terminal	
	COM2 5 Pin terminal	



Pin	Description
1	RS422 TXD+ / RS485 + (COM2)
2	RS232 RXD (COM1)
3	RS232 TXD (COM1)
4	RS422 RXD+ (COM2)
5	SG
6	RS422 TXD- / RS485 – (COM2)
7	RS485 – (COM3)
8	RS485 + (COM3)
9	RS422 RXD- (COM2)

The products have been designed for use in an industrial environment in compliance with the 2014/30/EU directive.

The products have been designed in compliance with:

- ✓ EN 61000-6-4: 2007 +A1: 2011
- ✓ EN 61000-3-2: 2014
- ✓ EN 61000-3-3: 2013
- ✓ EN 61000-6-2: 2005 / AC: 2005

IEC 61000-4-2: 2008; IEC 61000-4-3: 2006 + A1: 2007 +A2: 2010;

IEC 61000-4-4: 2012; IEC 61000-4-5: 2014 +A1:2017; IEC 61000-4-6: 2013;

IEC 61000-4-8: 2009; IEC 61000-4-11: 2004 + A1: 2017

The installation of these devices into residential, commercial and light-industrial environments is allowed only special measures are taken in order to get the conformity to IEC-61000-6-3

NEMA Certification:

NEMA Type 4X Indoor Use Only

Reproduction of the contents of this copyrighted document, in whole or part, without written permission of Advantech Co., Ltd., is prohibited.

CAUTION

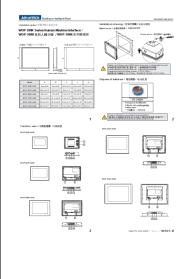
1. Indoor use and pollution degree II, it must be wiped with a dry cloth for cleaning up the labeling.
2. Please be used qualified power supply by SELV or double insulation of UL60950 or UL61010-1 or UL61010-2-

201 standards.

3. UL61010-2-201: Shall be mounted in the Industrial Control Panel , and the ambient temperature does not exceed 60 degrees C.
4. If the equipment is used in a manner not specified by the manufacturer, the protection provided by the equipment may be impaired.
5. We suggest using the cable type – AWG (American Wire Gauge) 18-24 and the corresponding pin type cable terminals.
6. We suggest used torque value 4.60 lb-in, do not use excessive force when fixing wiring.
7. Altitude: up to 2000 m
8. Maximum ambient temperature rated, WOP-204K, WOP-207K & WOP-208K & WOP-210K & WOP-212K & WOP-215K: 60 degree C
9. Minimum ambient temperature rated -10 degree C
10. Input Wiring Rating: Min. 90 degreeC
11. WOP-204K, WOP-207K, WOP-208K, WOP-210K, WOP-212K, WOP-215K has been certificated by UL.



Documents / Resources

	ADVANTECH WOP-200K Human Machine Interface [pdf] Installation Guide WOP-200K, Human Machine Interface, Machine Interface, Human Machine, WOP-200K, Machine
---	---