INTAMSYS
infinite possibilities

10.1 Inch Android industrial panel computer

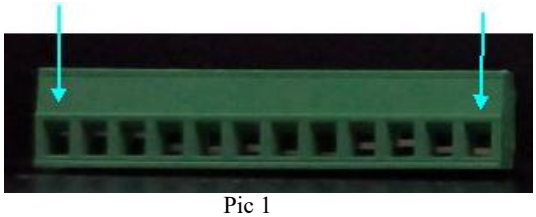
Intamsys Technology Co., Ltd.

1.Parameters

Product model	WAR-101C-SP10
Basic parameters	● CPU：Quad-core Cortex®-A9 ， frequency 1.4GHz ● Memory：1GB DDR3 ● Flash：8GB NandFlash
Display screen	● Size：10.1 inch ● Resolution：1280×800 ● Wide-temperature type， 16000k colors or 24 true colors ● LED backlight：lifetime > 25000 hours
Touch screen	Capacitance/Resistance touch screen
Hardware interface	● 4 channel 3-wire RS-232 serial port（COM1,COM2,COM3,COM4）. ● 2 channel RS-485（COM1、COM2）multiplex as RS-232 （COM1、COM2）.（Signal isolated as optional） ● 1 channel isolated **CAN bus（optional）.** ● 1 channel USB device interface,support ADB connect to PC to exchange date and debug application . ● 3 channel USB Host interface，support usual USB device such as mouse, keyboard, U disk ,etc. ● 1 channel 100M Ethernet interface. ● 1 channel SD/MMC slot,support MMC/mini SD card. ● 1 channel 3.5mm audio output interface. ● 1 channel WIFI interface. ● 1 channel DC 24V， industrial power solution， higher reliability.
OS	Android 4.4.2/Android 5.1
Defend degree	IP65 (front panel)
Working environment	● power：DC 24V ● working temperature：-10~60℃ ● storage temperature：-20~80℃ ● working humidity：10～90%RH
Size	● shell structure：plastic ● panel size：275.00×181.00 （mm） ● trepanning size：266.00×171 .00 （mm）
Application area	● industrial control，detection device，instruments and meters，security monitoring，medical apparatus and instruments, intelligent terminals embedded high-end application. ● Support CAN bus network deployment.
Software support	● Support Eclipse、Android Studio、QT Creator、Visual Studio 2015/2017 development， support JAVA/C/C++/C# ,etc . ● Easy change the user-defined splash screen.

2.Interface definition

1 …… 12



Pic 1

1. CANL	2. CANH
3. GND	4. COM3-RX of RS-232
5. COM3-TX of RS-232	6. COM4-RX of RS-232
7. COM4-TX of RS-232	8. COM2-485B
9. COM2-485A	10. GND
11. COM1-485B	12. COM1-485A

Pic 2

1. USB Slave interface（USB Device）	2. USB Host interface（USB host）
3. Stereo audio output interface	4. RS-232 interface (COM1,COM2)（isolated）
5. 100m Ethernet interface	

2.1 RS-232 interface

4 channel serial port，support the highest-level baudrate 115200bps. The corresponding interface in Android system is COM1 ~ COM4. Specially COM1 and COM2 have 2 output type as RS-232 and RS-485.

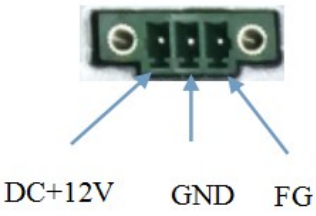
2.2 RS-485 interface

The corresponding port in Android system is COM1、COM2, and COM1/COM2 is a multiplexing of RS-232 interface (COM1/COM2). Also, without terminal resistance inside ,pls specify once in need.

2.3 CAN Bus interface

The function of Can-bus interface is optional . Also, without terminal resistance inside ,pls specify once in need.

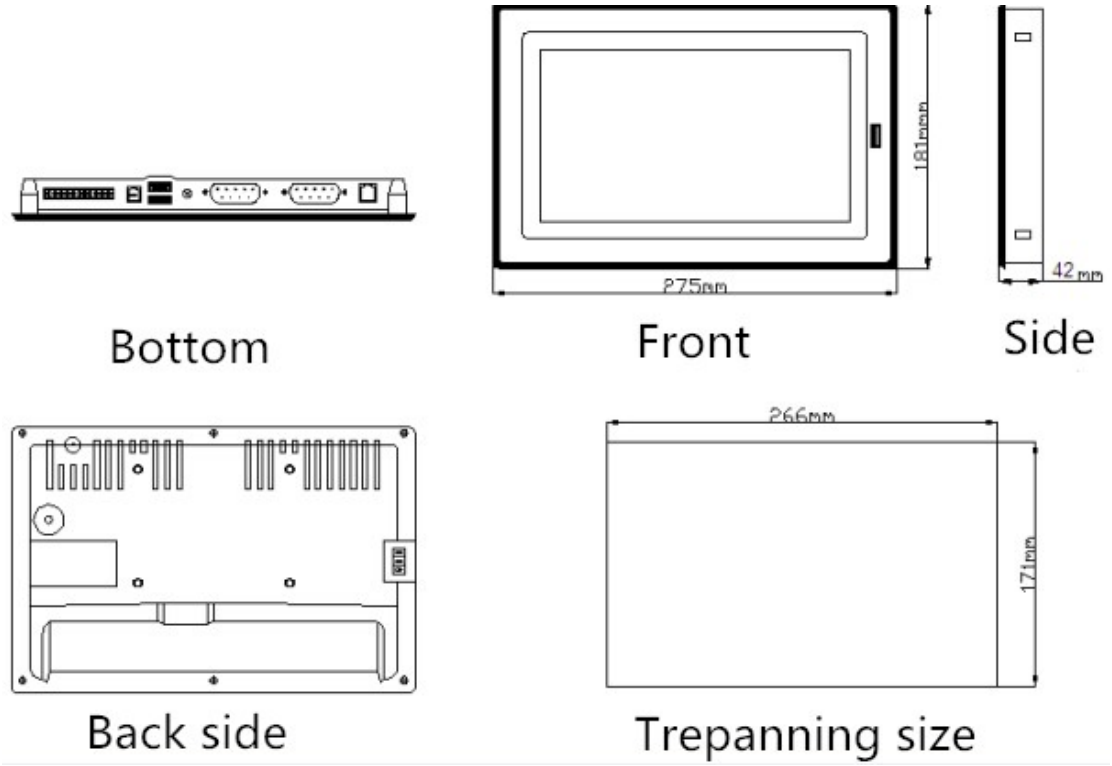
2.4 Power interface



Pic 3

3. Exterior size

Exterior size：275x181x42 （mm）	Trepanning size：266 x171 （mm）



Pic 4

4. FCC statement

Please take attention that changes or modification not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.
This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:
(1) This device may not cause harmful interference, and
(2) This device must accept any interference received, including interference that may cause undesired operation.

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20cm between the radiator & your body.