

# HMI Panel PC

Model:R06ID3S-IPA1HM

## Product Features:

- 6.5" TFT LCD with resistive touch screen
- Embedded intel® Atom Dual-Core N2600 / 1.6GHz processor
- NEMA4/IP65 compliant front panel
- Support Dual Gigabit Ethernet
- Fanless and Ultra-low power consumption



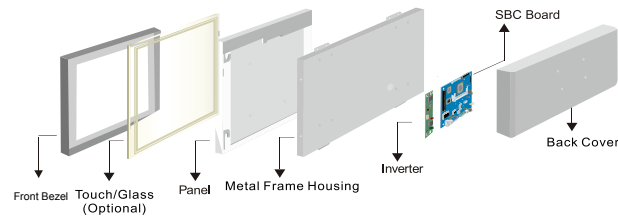
Panel Mount  
6mm IP65 Front bezel

## Product Specifications:

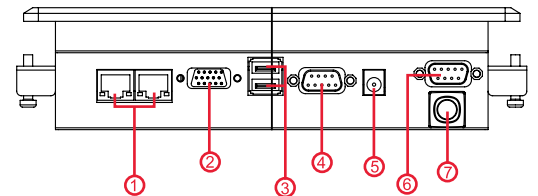


Display	Model Name	R06ID3S-IPA1HM
	Size/Type	6.5" TFT/LED Backlight
	Resolution (pixels)	640 x 480
	Number of Colors	16.2M
	Brightness (cd/m2)	700
	Contrast Ratio	600:1
	Viewing Angle	-80~80 (V) ; -70~70 (H)
System	Processor	Intel® Atom Dual-Core N2600 / 1.6GHz
	Chipset	Intel® NM10
	Memory	1 x SO-DIMM DDR3 800/1066 (Default 2GB)
	IDE	1 x SATAII
	LAN	Dual Realtek RTL8111B Gigabit LAN Controller Options : Intel® WG82574L GbE LAN Controller for Win CE 7.0 OS
Input / Output	Storage	1 x Mini PCI-E SSD (Default 32GB)
	USB Port	2 x USB
	Ethernet	2 x RJ45-10/100/1000
	VGA	1 x VGA ( female )
	RS-232	1 x RS-232 COM Port
	RS-422/485	1 x RS-232/422 / 485 COM Port ( Default RS-485)
	DC-Input	1 x 2.5 ΦC Jack
Power	Power Input	12~24V DC-IN
	Power consumption	15W (typ.) (Max.backlight & high CPU load)
Environment	Operating Temperature	-10 deg.C to 60 deg.C
	Humidity	30% to 90% ( non condensing )
Support OS	Windows XP embedded / Win 7 Pro Embedded / Win 7 WS7E / Windows XPP Embedded / WinCE 7.0 Core Runtime / WinCE 7.0 Pro Runtime	
Accessories	External Adapter	110~230V Ac-in Power Adapter
Default	Mechanical	IP65 Panel Mount (6mm bezel)
	Touch	4 Wires Resistive

## Mechanical Design:



## I / O View:



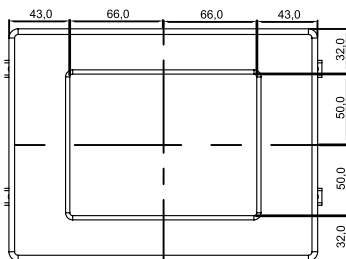
1. 2 x RJ-45
2. VGA
3. 2 x USB
4. RS-485 (Default)
5. 12~24V DC-IN
6. RS-232

## Dimensions:

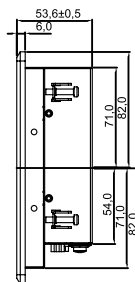
**SCIENCE GATE**  
Your Automation Partner

**SCIGATE AUTOMATION (S) PTE LTD**  
No.1 Bukit Batok Street 22 #01-01 Singapore 659592  
Tel: (65) 6561 0488 Fax: (65) 6562 0588  
Email: sales@scigate.com.sg Web: www.scigate.com.sg  
Business Hours: Monday - Friday 8.30am - 6.15pm

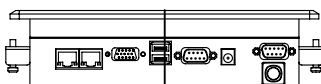
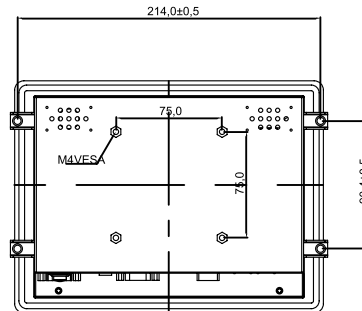
Front View



Side View



Back View



Bottom View

- Total dimension: L x H x D=218 x 164 x 53.6mm  
Cutout dimension: 192 x 144mm
- Note: this is a simplified drawing and some components are not marked in detail.  
Please contact our sales representative if you need further product information

Rev.	Reasons	Revised Date
1.0	First release	Sep.12.12
1.1	Add Win CE 7.0	July.09.13
1.2	Spec change	Aug.18.15