

Full IP65 Chassis LCD

15" (Stainless Design)

Specifications



Standard:
brushed stainless



Optional:
black, high polish, vanished coating

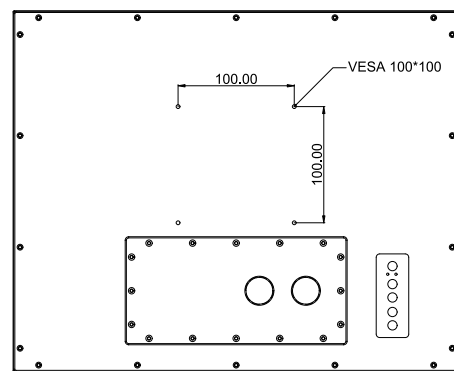
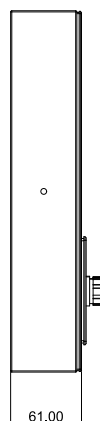
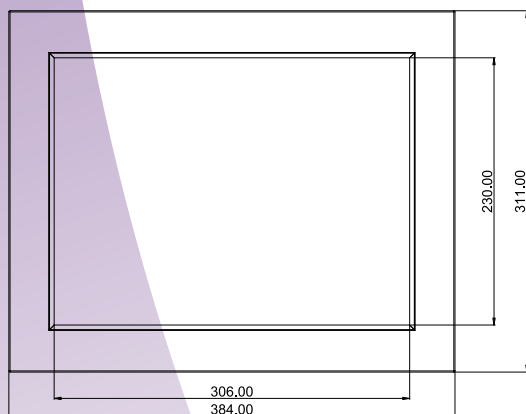
Model Name	IMON 15"
Viewable Size Image	15"
Active Display Area(mm)	304.128 (H) x 228.096 (V)
Pixel Pitch(mm)	0.297(H)x0.297(V)
Number of Pixels	1024x768
Contrast Ratio	500:1(typ.)
Display Color	16.2M(6bit+FRC)
Brightness(cd/m ²)	250(typ.)
Viewing Angle(CR>=10)	-80~80 ; -60~70
Synchronization Range	
Horizontal/Vertical	31.5~60.0KHz/60~75Hz
Recommended Resolution	1024x768@60Hz, 75Hz
Signal Connector	15 pin D-Sub
I/O	3 pin Power cable(IP65 connector); 10 pin VGA cable (IP65 connector); Optional 10 pin RS232 or USB cable(IP65 connector)
Power Source	12V DC in, with External AC to DC Adapter (100~240V AC)
Power Consumption	25W typical, normal operation
Power Management	VESA DPMS Compliant
Plug & Play	VESA DDC 1/2B
Optional Touch Screen	Resistive,Capacitive
Optional video	Yes

Stainless Material	CNS	JIS	ASTM	AISI	DIM
	304	SUS304	S30400	304	1.4301

*Due to Panel material's deviation, different panel supplier will set different specific variance range to optical characteristics. The factors of time used, Lamp current, Ambient temperature will influence the optical measurements.

*With TR + PT5W

Mechanical Drawing



UNIT:mm



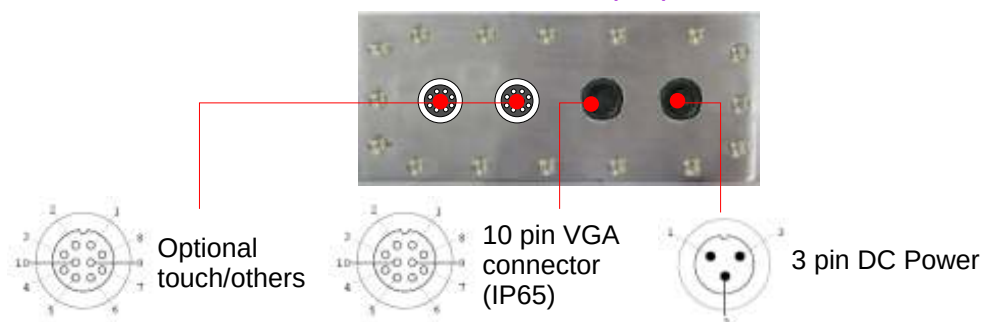
* Note: this is a simplified drawing and some components are not marked in detail. Please contact our sales representative if you need further product information.

Rev.	Reasons	Revised Date
1.3	Spec change	Dec-13-10
1.4	Spec change	Dec-15-11
1.5	Spec change	Nov-14-12

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IO Layout

Back Side (I/O)

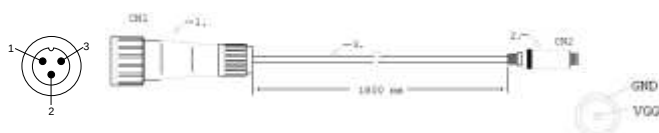


Cable List

LCD	IP65 connector	PC side IO type
DC power	3pin	Female(2.5 fai)
USB(optional)	10pin	Male(type A)
RS232(optional)	10pin	Female(D-sub 9)
VGA	10pin	Male(D-sub 15)

IP65 Cable/Pin Define

DC Power



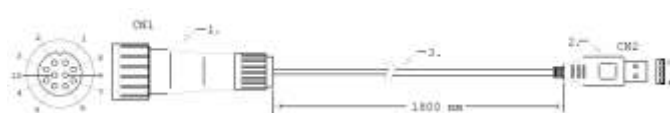
Pin No.	Symbols	Color	Pin No.	Symbols	Color
CN1-1	VCC	Red	CN2	VCC	Red
CN1-3	GND	Black	CN1	GND	Black
CN1-2	Shield			Shield	

RS232



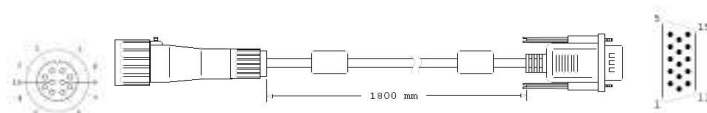
Pin No.	Symbols	Color	Pin No.	Symbols	Color
CN1-1	DCD-CON2	Green	CN2-1	DCD-CON2	Green
CN1-2	DSR-CON2	Brown	CN1-6	DSR-CON2	Brown
CN1-3	RXD-CON2	Red	CN1-2	RXD-CON2	Red
CN1-4	RTS-CON2	Orange	CN1-7	RTS-CON2	Orange
CN1-5	TXD-CON2	Blue	CN1-3	TXD-CON2	Blue
CN1-6	CTS-CON2	White	CN1-8	CTS-CON2	White
CN1-7	DTR-CON2	Purple	CN1-4	DTR-CON2	Purple
CN1-8	RI-CON2	Yellow	CN1-9	RI-CON2	Yellow
CN1-9	GND-CON2	Black	CN1-5	GND-CON2	Black
CN1-10	NC		CN1-10	NC	

USB



Pin No.	Symbols	Color	Pin No.	Symbols	Color
CN1-1	VCC	Red	CN2-1	VCC	Red
CN1-2	D-	White	CN2-2	D-	White
CN1-3	D+	Gren	CN2-3	D+	Gren
CN1-4	GND	Black	CN2-4	GND	Black
CN1-5	Shield				

VGA



CN1			CN2		
Pin No.	Symbols	Color	Pin No.	Symbols	Color
1	R	Red	1	R	Red
2	R-GND	Black	6	R-GND	Black
3	G	Green	2	G	Green
4	G-GND	Black	7	G-GND	Black
5	B	Blue	3	B	Blue
6	B-GND	Black	8	B-GND	Black
7	SDA	Yellow	12	SDA	Yellow
8	HS	Orange	13	HS	Orange
9	VS	White	14	VS	White
10	SCL	Brown	15	SCL	Brown

Rev.	Reasons	Revised Date
1.0	First release	Mar-19-09
1.1	Spec change	Apr-28-10
1.2	Spec change	Oct-12-10