

Full IP65 Flat Touch Monitor

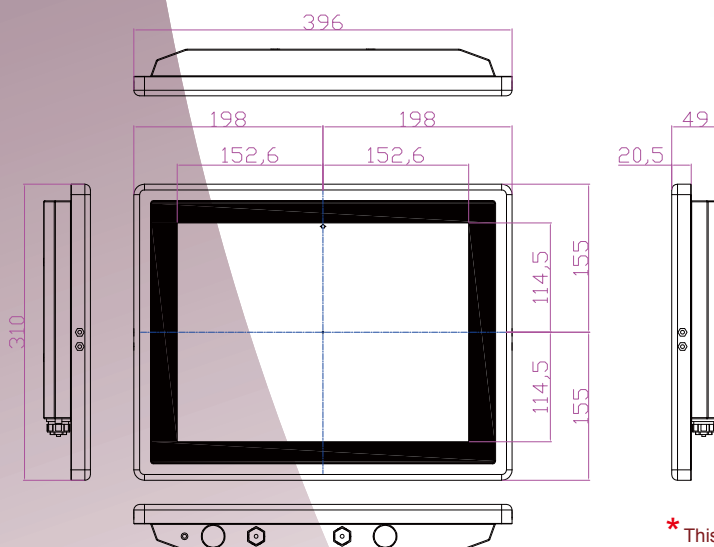
15" (Stainless Design)

Specifications

Model Name	R15L600-65FTE-EX				
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	700:1(typ.)				
Display Color	16.2M(6bit+FRC)				
Brightness(cd/m)	600(typ.)				
Viewing Angle(CR>=10)	-80~80 ; -60~80				
Synchronization Range					
Horizontal/Vertical	31.5~60.0KHz/60~75Hz				
Recommended Resolution	1024x768@60Hz, 75Hz				
I/O	-M12 to USB (Touch) -M12 to RS232 (Remote) -M21 to DC cable or AC External Power Adapter (either one) -M21 to VGA cable *All cables are IP65 protected, not ATEX certified.				
Power Management	VESADPMS Compliant				
Touch Screen	ELO 5W Resistive				
Operating Temperature	-20°C~ 50°C (Certified by ATEX)				
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.

Mechanical Drawing



Features

- This Equipment is ATEX Zone 2 certified and is suitable for use in Class I, Division 2, Hazardous area applications
- Designed with NEMA 4 (IP65) dust proof and water protection
- ELO 5W Resistive Touch (Explosion-proof)
- Wide power 9~36V DC input with Isolation protection

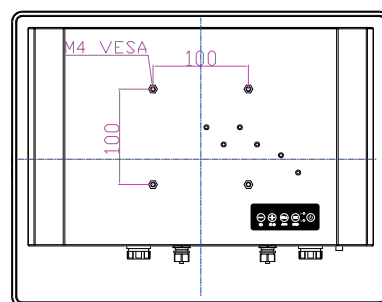


Standards and Certifications

Safety	: UL60950-1, CSA C22.2 No. 60950-1-07, EN60950-1, IEC60950-1
Hazardous Location	: ATEX zone 2 EX II 3 G Ex ic nA IIC T4 Gc UL Class I, Div.2, Groups ABCD T4 ANSI/ISA12.12.01 CAN/CSA C22.2 No. 213-M1987
Hazardous Location Operating Temp.	: -20°C ~ 50°C (Tamb)
Operating Humidity	: 10% to 95% (non condensing)
Shock	: MIL-STD-810G Method 516.6
Vibration	: MIL-STD-810G Method 514.6
Transit Drop	: MIL-STD-810G Method 516.6
CE	
FCC	
CSA	
UL60950-1	



1. Ground
2. Power (9~36V DC input)
3. RS232 (Remote Control)
4. USB (Touch)
5. VGA in



* This Device is intended for mounting in a tool-accessible ATEX-certified.

* 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.

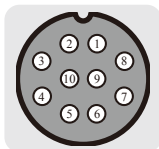
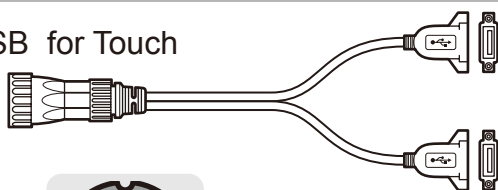
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MODEL #: R15L600-65FTE-EX

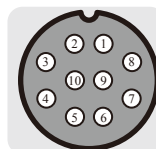
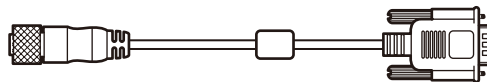
Connector Pin Assignments

USB for Touch



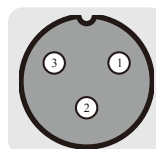
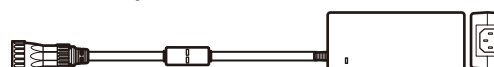
Pin No.	Symbols	Color
CN1-1	VCC	RED
CN1-2	VCC	RED
CN1-3	D-	WHITE
CN1-4	D-	WHITE
CN1-5	D+	GREEN
CN1-6	D+	GREEN
CN1-7	GND	BLACK
CN1-8	GND	BLACK
CN1-9	Braid	

VGA Cable



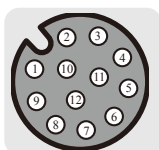
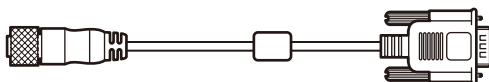
Pin No.	Symbols	Color
CN2-1	R	Red
CN2-6	R-GND	Black
CN2-2	G	Green
CN2-7	G-GND	Black
CN2-3	B	Blue
CN2-8	B-GND	Black
CN2-12	SDA	Yellow
CN2-13	HS	Orange
CN2-14	VS	White
CN2-15	SCL	Brown

Power adapter



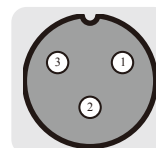
Pin No.	Symbols	Color
CN2-1	VCC	Follow Adapter
CN2-2	GND	Follow Adapter
CN2-3	GND	Follow Adapter

RS-232 Remote Control



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

DC power cable



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

WARNING

⚠ Ensure that the external power source is OFF before connecting or disconnecting the DC in jack.

Note: All Specifications are subject to change without prior notice!

