

# Flat Stainless P-CAP IP65 Display

## 15" (Stainless Design)



### Specifications

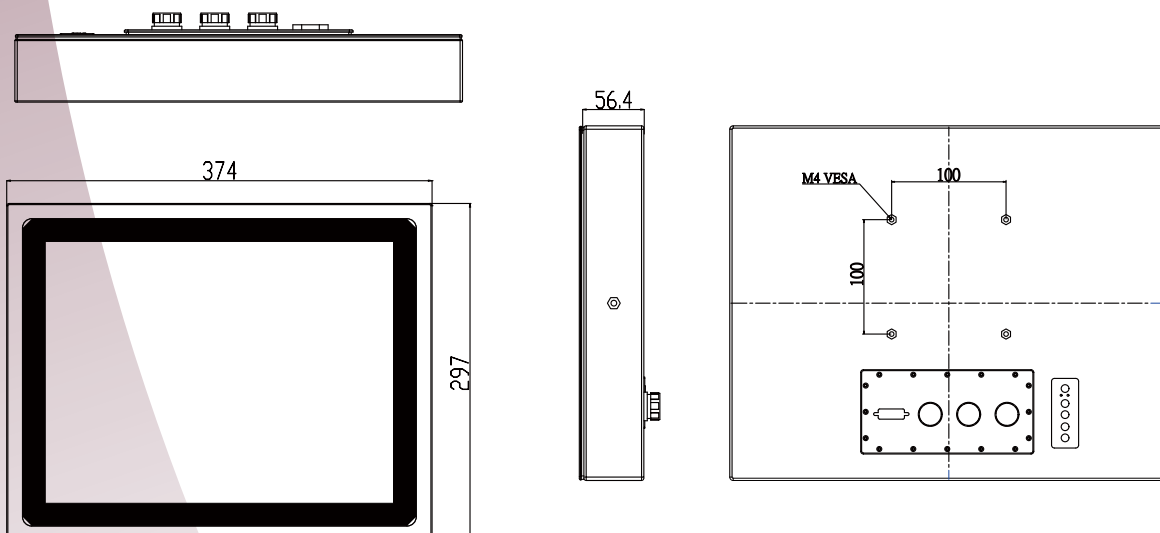
Model Name	R15L100-SPC3
Viewable Size Image	15"
Active Display Area(mm)	304.128 (H) x 228.096 (V)
Pixel Pitch(mm)	0.297(H)x0.297(V)
Number of Pixels	1024x768
Contrast Ratio	700:1(typ.)
Display Color	16.2M
Brightness(cd/m <sup>2</sup> )	250(typ.)
Viewing Angle(CR>=10)	-80~80(H) ; -70~70(V)
Recommended Resolution	1024x768@60Hz, 75Hz
I/O	3 pin Power cable(IP65 connector) 10 pin VGA cable (IP65 connector) DVI-D cable (IP65 connector) (Optional) USB cable(IP65 connector)
Power Source	12V DC in, with External AC to DC Adapter (100~240V AC)
Power Consumption	30W typical, normal operation
Power Management	VESA DPMS Compliant
Plug & Play	VESA DDC 1/2B
Touch Screen	Projective Capacitive Touch
Operating Temperature	-10 to 55 deg.

\*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



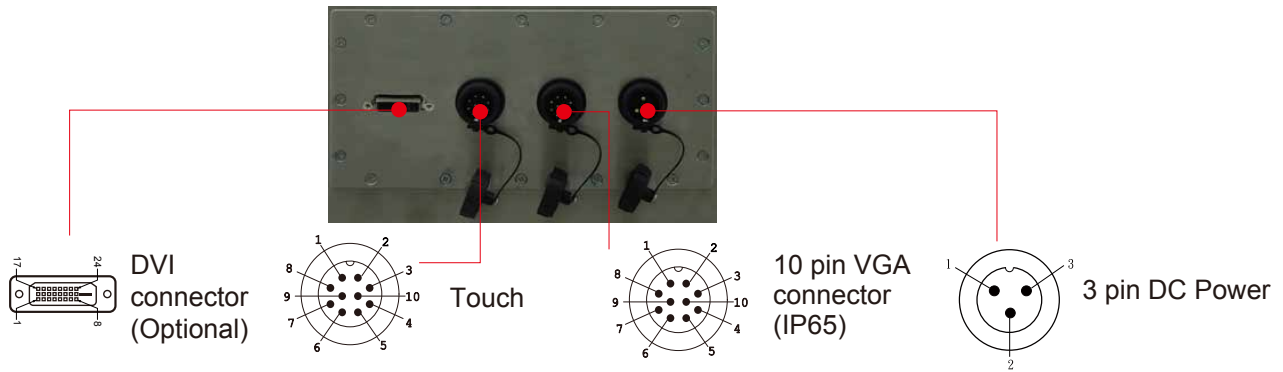
UNIT:mm

\* 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.

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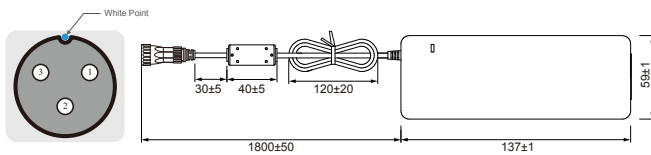
## IO Layout

### Back Side (I/O)

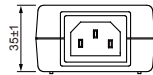


## Pin Definition

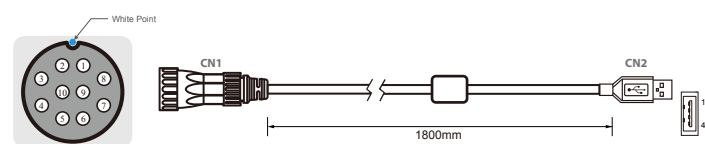
### Power Cable



Pin No.	Symbols	Color
CN1-3	GND	Black
CN1-2	shield	
CN1-1	VCC	White



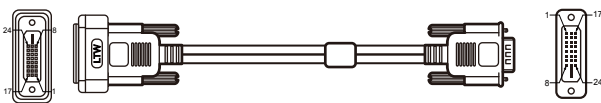
### USB Cable (For Touch)



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+	GREEN	CN2-3	D+	GREEN
CN1-4	GND	BLACK	CN2-4	GND	BLACK
CN1-5	Shield		CN2-5	Shield	GREEN

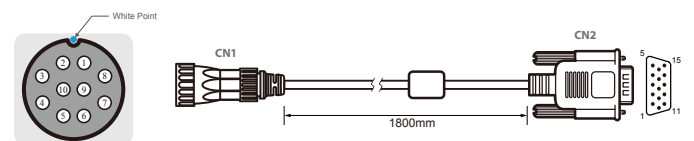
Twist

### DVI Cable (Optional)



CN1			CN2	
Pin No.	Symbol		Pin No.	Symbol
CN1-1	TMDS Data2-	↔	CN2-1	TMDS Data2-
CN1-2	TMDS Data2+	↔	CN2-2	TMDS Data2+
CN1-3	TMDS Data2 Shield	↔	CN2-3	TMDS Data2 Shield
CN1-4	NC		CN2-4	NC
CN1-5	NC		CN2-5	NC
CN1-6	DDC Clock	↔	CN2-6	DDC Clock
CN1-7	DDC Data	↔	CN2-7	DDC Data
CN1-8	NC		CN2-8	NC
CN1-9	TMDS Data 1-	↔	CN2-9	TMDS Data 1-
CN1-10	TMDS Data 1+	↔	CN2-10	TMDS Data 1+
CN1-11	TMDS Data 1 Shield	↔	CN2-11	TMDS Data 1 Shield
CN1-12	NC		CN2-12	NC
CN1-13	NC		CN2-13	NC
CN1-14	+5V Power	↔	CN2-14	+5V Power
CN1-15	Ground	↔	CN2-15	Ground
CN1-16	Hot Plug Detect	↔	CN2-16	Hot Plug Detect
CN1-17	TMDS Data 0-	↔	CN2-17	TMDS Data 0-
CN1-18	TMDS Data 0+	↔	CN2-18	TMDS Data 0+
CN1-19	TMDS Data 0 Shield	↔	CN2-19	TMDS Data 0 Shield
CN1-20	NC		CN2-20	NC
CN1-21	NC		CN2-21	NC
CN1-22	TMDS Data Clock Shield	↔	CN2-22	TMDS Data Clock Shield
CN1-23	TMDS Clock+	↔	CN2-23	TMDS Clock+
CN1-24	TMDS Clock-	↔	CN2-24	TMDS Clock-

### VGA Cable



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
				4	HS-GDN	
				5	NC	
				9	NC	
				10	NC	
				11	VS-GDN	