

7" Five Point Capacitive Touch Open Frame Display

1024x600, Model - UM-760C-OF



This display employs the latest LCD and touch technology to ensure high reliability and the best user experience.

Liquid Crystal Display

Liquid Crystal Display module with LED backlight unit and long-lasting metal molded product cycle-enclosure. Future generation panels phased-in without external changes.

General Specifications:

- Screen: 7" diagonal, 16:9, 1024x600 Resolution
- Driver element: a-si TFT active matrix
- Viewing angles: 75/75/70/70
- Pixel arrangement: RGB vertical stripe
- Display colors: 262,144
- Contrast ratio: 700:1
- Luminance, White: 250 CD/m²
- Capacitive 5 point touch panel
- Windows and Linux HID support
- Response time: 15ms
- Rear 4 point mounting for secure installation
- Utilizes Displaylink for power, touch and video over single USB connection

Applications:

- Kiosk information system
- Gaming and amusement
- Light industrial shop-floor automation
- POP/POS



UM-760C-OF

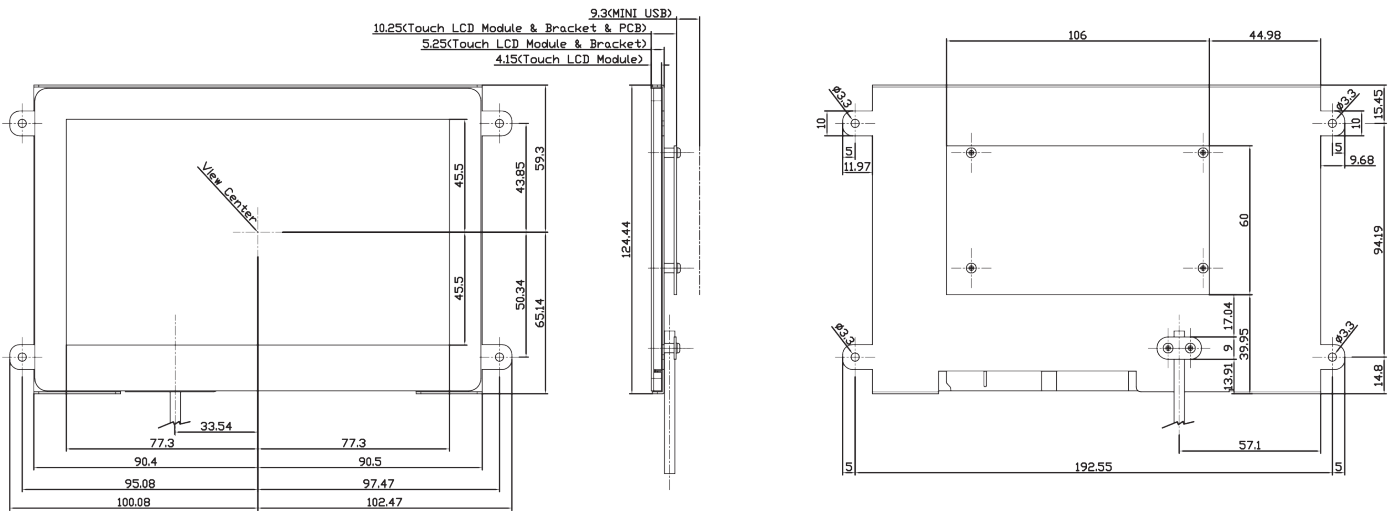
Optical Specifications

Item	Symbol	Condition	Values			Unit
			Min.	Typ.	Max.	
Viewing angle (CR \geq 10)	θ_L	$\Phi=180^\circ$ (9 o'clock)	65	75	-	degree
	θ_R	$\Phi=0^\circ$ (3 o'clock)	65	75	-	
	θ_T	$\Phi=90^\circ$ (12 o'clock)	60	70	-	
	θ_B	$\Phi=270^\circ$ (6 o'clock)	65	75	-	
Response time	T_{ON}	Normal $\theta=\Phi=0^\circ$	-	10	20	msec
	T_{OFF}		-	15	30	msec
Contrast ratio	CR		500	700	-	-
Color chromaticity	W_X		0.26	0.31	0.36	-
	W_Y		0.28	0.33	0.38	-
Luminance	L		200	250	-	cd/m ²
Luminance uniformity	Y_U		70	75	-	%

Test Conditions:

1. $DV_{DD}=3.3V$, $I_L=160mA$ (Backlight current), the ambient temperature is 25°C.
2. The test systems refer to Note 2.

Dimensions and Mechanical Specifications



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