

# 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/m<sup>2</sup>
- 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



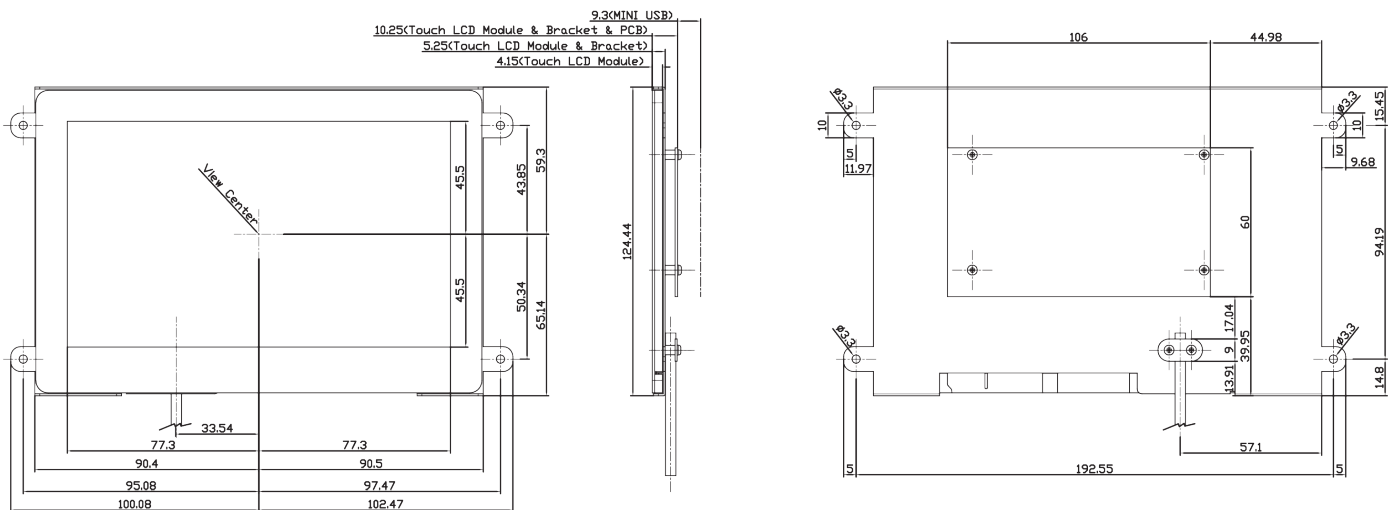
# Optical Specifications

Item	Symbol	Condition	Values			Unit
			Min.	Typ.	Max.	
Viewing angle (CR≥ 10)	$\theta_L$	$\Phi=180^\circ$ (9 o'clock)	65	75	-	degree
	$\theta_R$	$\Phi=0^\circ$ (3 o'clock)	65	75	-	
	$\theta_T$	$\Phi=90^\circ$ (12 o'clock)	60	70	-	
	$\theta_B$	$\Phi=270^\circ$ (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 <sup>2</sup>
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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