

Diamond Series 12" Bezel-less Multi-Touch LCD Module

• Industrial Grade • Sunlight Readable • Bezel-less • Die-Cast Aluminum Frame



SPECIFICATIONS

DISPLAY

Display Size	12" TFT LCD
Max Resolution	1280 X 800
Active Area (H/V)	152.4 x 91.44 mm
Pixel Pitch (H/V)	0.1905 x 0.1905 mm
LCD Interface	1-channel LVDS
Brightness (cd/m2)	1000 / 800 (with touch)
Contrast	1000:1
Viewing Angle (H/V)	176/176
Display Color	16.2M
Backlight	LED Long Life > 50,000Hrs
Touch Sensor	Projected Capacitive
LCD/Touch Lamination	Optical Bonding

TOUCH

Controller Interface	USB & I2C
Controller System	EETI
Touch Input Type	Finger and Glove
Controller Type	COF
Multi-touch (points)	2
Cover Glass Thickness	1.8mm
Cover Glass Hardness	>7H
Cover Glass Type	Sodalime
Surface Treatment	AG
Glass Strengthening	Chemical Strengthening
Optical Transmittance	>85%
Driver Support	Win7, Win8, WinCE, Linux, Android

MECHANICAL

Dimensions (WxHxD)	313.72 * 215.8 * 15.3mm
Net Weight	1385g

ENVIRONMENT

Operating	-10 ~ 70
Storage	-20 ~ 80
Sealability	IP65 Compliant

POWER

Consumption	16.65W
-------------	--------

ACCESSORIES

	VGA/DVI Scaler Board
Evaluation Kit	USB Cable
	12V DC Adapter

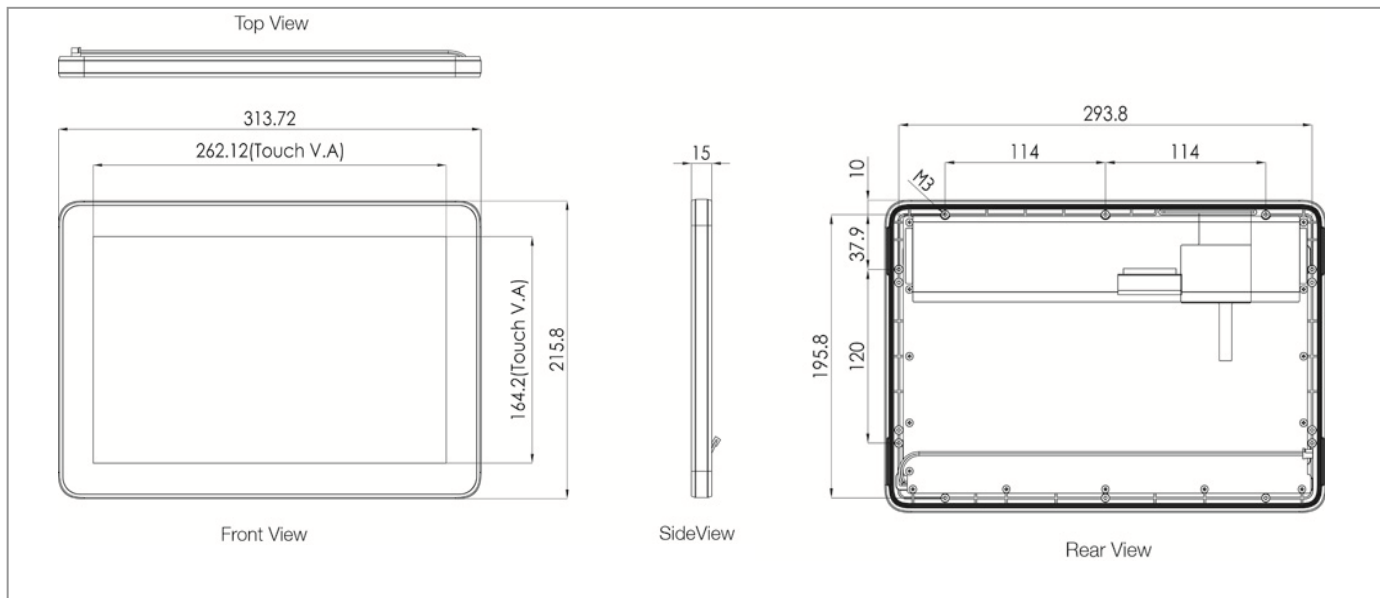
CUSTOMIZATION OPTIONS

Cover Glass ID	Custom Dimensions and Artwork
Cover Glass Type	Sodalime, Corning Gorilla or other Non-Conductive Materials
Cover Glass Thickness	Up to 6mm
Glass Surface Treatment	Anti-Glare, Anti-Reflective
Touchscreen Flex Tail Dimensions	Custom Dimensions and Shapes
Touchscreen Controller Interface	I2C, USB or Dual
Aluminum Frame Shape	Custom Dimensions
Multi-touch (points)	Up to 10 points
Controller System	EETI or Atmel

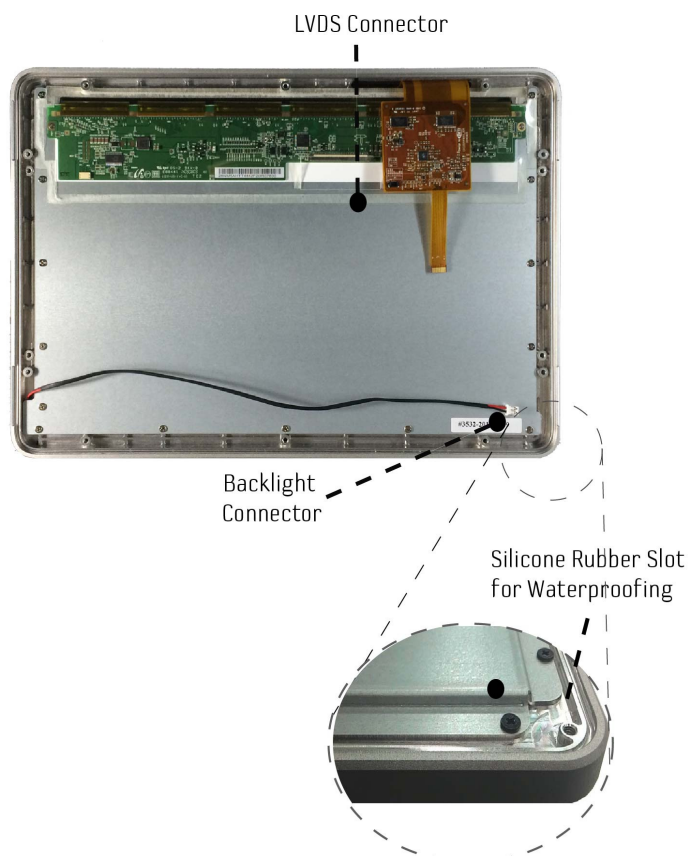
ORDERING INFORMATION

DS-121E1QS0	Diamond 12" Bezel-less Multi-touch LCD Module
-------------	---

DIMENSIONS

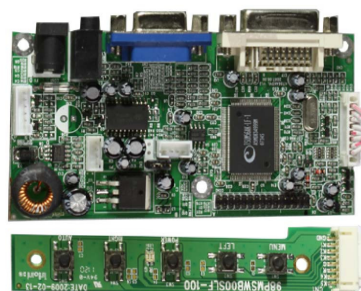


ELECTRICAL AND MECHANICAL INTERFACE



ACCESSORIES

VGA/DVI Scaler Board



USB Cable



Headquarters
1st Floor No. 30, Section 1, Huanshan Road
Neihu District, Taipei, 11442 Taiwan

North America
14712 Franklin Avenue Unit H
Tustin, CA 92780, USA

Europe
Ceresstraat 13
4811 CA, Breda, The Netherlands

Promate Solutions reserves the right to make changes in specifications.

© 2015 Promate Solutions. All rights reserved.

www.promate.com