

Ivent Solutions Market Trend Update

September 2019

DLC Display
New Products Q3/2019

DLC Display Co., Limited is located in Shenzhen City, China with additional offices in Hong Kong which offer logistic and financial services.

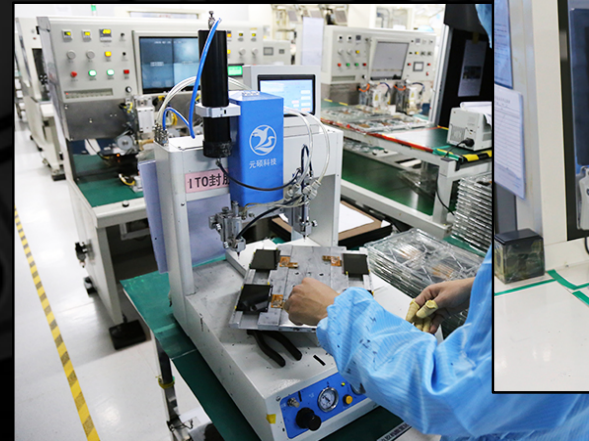
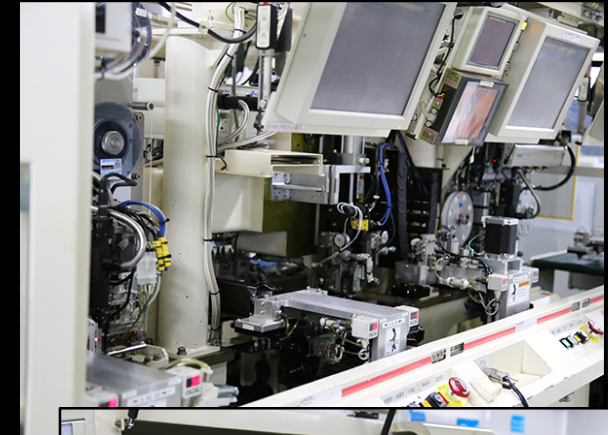
Over the last 15 years DLC have been industry leaders in the design and manufacturing of display products. DLC offer monochrome TN/STN/DSTN, FSTN, TFT and OLED displays including all other ancillary components related to display technology. The DLC range of transfective TFT displays enable viewing under direct sunlight, which provides tremendous value and is a niche range offered to industrial customers worldwide. IPS and LTPS panels provide a wide (almost infinite) viewing angle, which is another favorable aspect to the range of electronic displays offered. The DLC product portfolio at present contains more than 200 different models of TN, STN, DSTN, FSTN and monochrome and TFT color displays, as well as many monochrome OLED displays. All of these are available in sizes ranging from 0.49" up to 15", with working temperatures between -40c and 90c. DLC products are widely used in automotive, medical, industrial and military applications.

The DLC factory area and offices combine for over 2000m² of space and is operated by an employee base of over 370 people. Their main production equipment includes: Two Toray CL2000 automatic COG bonding machines, which support the bonding of a maximum size of 12-inch LCD at a capacity of 600-800 pieces per hour, per machine. Two semi-automatic COG bonding machines and several ACF and FPC bonding machines. DLC also have three end assembly lines with capacity of 1kk units per month. In addition, they have added a new touch panel production line last year. This focuses on the design and manufacturing of various types of resistive and capacitive touch panels to seamlessly meet the growing demands for this type of customized solution.

The DLC customer base is mainly concentrated in Europe, the U.S., Korea, Japan and Oceania. DLC offer a team of highly qualified electronic engineers to provide expert technical support, while the Research and Development engineers are committed to providing innovative flat panel display designs and new products to meet the ever-growing requirements of the global market. DLC guarantee to meet any display specifications and aim to provide customers with the most appropriate and cost-effective solutions for their individual project requirements.

The DLC solution offers the most competitive and quality products available in the market today and they enjoy a high reputation based on the advanced facilities, mature technology, comprehensive quality management and highly effective customer service.

Ivent is a proud partner to DLC and has been involved in some very sophisticated design projects including bonded glass, capacitive touch and customized driver solutions. Ivent can even assist with software and hardware development if required.





DLC-Display Specialist

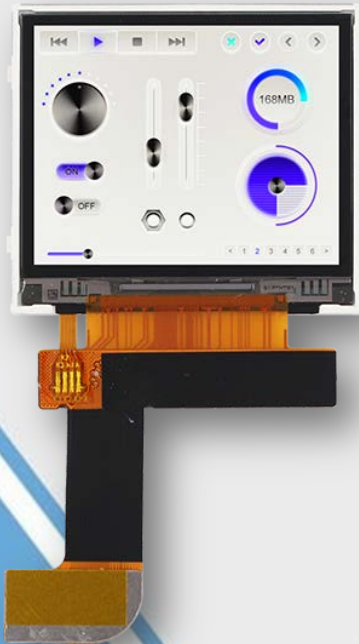


DLC0119AE0F

Item	Contents	Unit
Size	1.19	inch
Resolution	390x(RGB)x390	\
Interface	MIPI	\
Display Mode	AMOLED	\
Active Area	Φ30.42	mm
Outline	33.22 x 34.72 x 0.65	mm
Brightness	350	cd/m ²
Remark	Round, Intelligent wear	



DLC-Display Specialist



DLC0177BAR03CQ-1

Item	Contents	Unit
Size	1.77	inch
Resolution	160x(RGB)x128	\
Interface	MCU	\
Display Mode	Transflective	\
Active Area	35.28 x 27.71	mm
Outline	40.77 x 36.20 x 2.20	mm
Brightness	110	cd/m ²
Remark	Landscape mode	



DLC-Display Specialist



DLC0260BHV06CF-1

Item	Contents	Unit
Size	2.6	inch
Resolution	480x(RGB)x320	\
Interface	MCU	\
Display Mode	MVA	\
Active Area	55.01 x 36.67	mm
Outline	59.61 x 47.30 x 2.20	mm
Brightness	240	cd/m ²
Remark		



DLC-Display Specialist



DLC0700XDP21HF-C-1

Item	Contents	Unit
Size	7.0	inch
Resolution	1024x(RGB)x600	\
Interface	HDMI for TFT USB for CTP	\
Display Mode	IPS	\
Active Area	154.21 x 85.92	mm
Outline	165.30 x 121.00 x 7.95	mm
Brightness	350	cd/m ²
Remark		

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NZD versus AUD - AU\$0.95 vs NZ\$1.00



NZD versus USD - US\$0.635 vs NZ\$1.00



NZD versus EUR - EU\$0.575 vs. NZ\$1.00



Copper - USD5850 / tonne



Lead - USD2050 / tonne



Nickel - USD17800 / tonne

