

# DLF/DLH1968-U

19" TFT LCD, LED Backlight,1600nits,SXGA(1280x1024),Wide Temp.

19" TFT LCD panel, built-in 1600 nits brightness for sunlight readable LCD display, high transmittance color filter, high transmission polarizing plates, Low Power Consumption, suitable for kiosk, advertising, POS, marline, transportation, gaming, studio display, gas pump.



## KEY FEATURES

- Brightness: 1600nits
- LED Backlight
- SXGA(1280x1024) High Definition
- High Shock & Vibration Resistance
- Low Power Consumption
- High Uniformity
- Low EMI Noise
- Wide Dimming
- Wide Temp.: -30~85°
- Life Expectancy

## SPECIFICATIONS

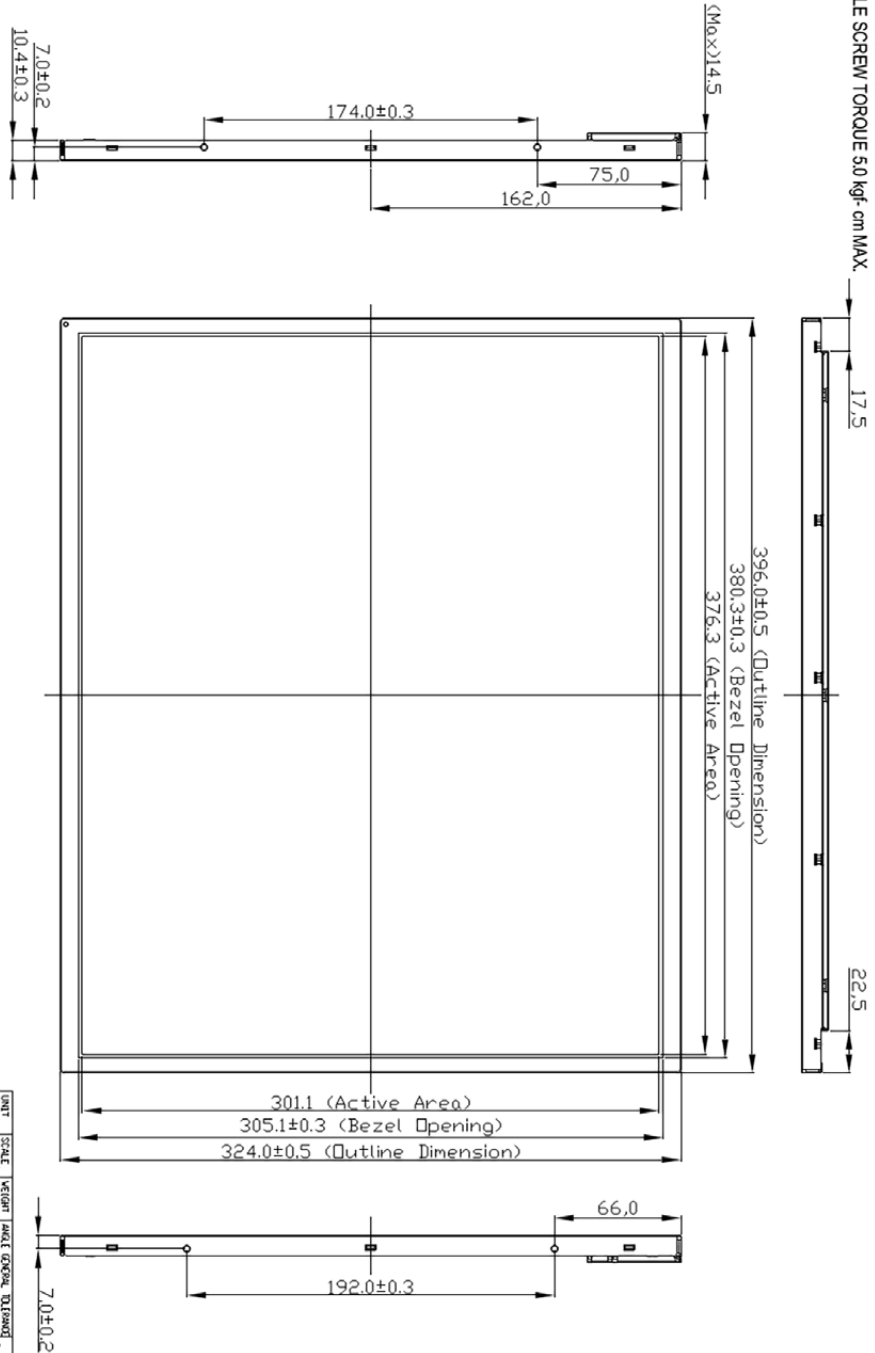
Model No.	DLF1968-U / DLH1968-U
Description	19" TFT LCD, LED Backlight ,1600nits,SXGA(1280x1024),Wide Temp.
Display Area (mm)	376.32(H) x 301.06(V)mm
Brightness	1600 cd/m <sup>2</sup>
Resolution	1280x1024 (SXGA)
Contrast Ratio	1000 : 1
Pixel Pitch (mm)	0.294(H) x 0.294(V)
Viewing Angle	+85°~-85°(H), +80°~-80°(V)
Display Colors	16.7M
Response Time (Typical)	10ms
Power Consumption	40/43W
Dimensions (mm)	396x324x14.5mm
Weight (Net)	2.45kg
LED Driving Board	LID19A
Control Board (Optional)	<input type="checkbox"/> AD2662GD <input type="checkbox"/> AD2662GDVAR
<input type="checkbox"/> AD2662GD	VGA+DVI
<input type="checkbox"/> AD2662GDVAR	VGA+DVI (Optional AV/ S-Video/ Component / Audio)
F / R Control Button	<input type="checkbox"/> 4 Key <input type="checkbox"/> 5 Key
<input type="checkbox"/> 4 Key	Power Switch, Menu, Select (+,-),
<input type="checkbox"/> 5 Key	Power Switch, Menu, Select (+,-), Auto
OSD Menu	Brightness, Contrast, H/V Position, Color, Phase, Clock...
Optional	<input type="checkbox"/> AOT <input type="checkbox"/> Touch Screen

\*Specifications are subject to change without notice. \*\*All brands or product names are trademarks or registered trademarks of their respective companies.

DLF= Panel+LED Driving Board

DLH= Panel+LED Driving Board+Control Board

- Note :
1. THE DIMENSION EXCLUDES DEFORMATION.
  2. MODULE THICKNESS TO BE 14.5 (MAX)
  3. LED BIL CONNECTOR : HD2505-02 OR COMPATIBLE
  4. JIF CONNECTOR TO BE JAE FI-X30HL OR COMPATIBLE
  5. M3 USER HOLE SCREW TORQUE 5.0 kgf-cm MAX.



REV	ECN NO.	DESCRIPTION	SIGN	DATE
V0	-	正式承認發行	Penny, Chau	2010/12/10
V1	-	正式承認發行	Penny, Chau	2012/07/31
V2	-	正式承認發行	Penny, Chau	2014/07/21

LEVEL	General tolerance	±	SELECT	MATERIAL	CRITICAL DIMENSION	SPC DIRECTION
0 - 4	0.1	0.2	3	FR5B		
5 - 14	0.15	0.25	2			
15 - 63	0.3	0.5	1			
64 - 250	0.5	0.8				
251 - 630	0.8	1.0				
631 - 1600	1.0	1.5				

APPROVED	CHECKED	DESIGNED	DRAWN	DATE
		Penny, Chau		2013/07/21

UNIT	SCALE	WEIGHT	MARK	GENERAL	DATE	3rd	Angle	ORIGINA	MODEL
mm	1:1								AU1968(WT)

TITLE	DRAWING NUMBER	DATE
AU1968(WT)-Outline Dimension Drawing	911019688201	

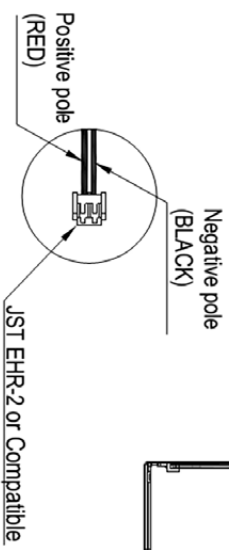
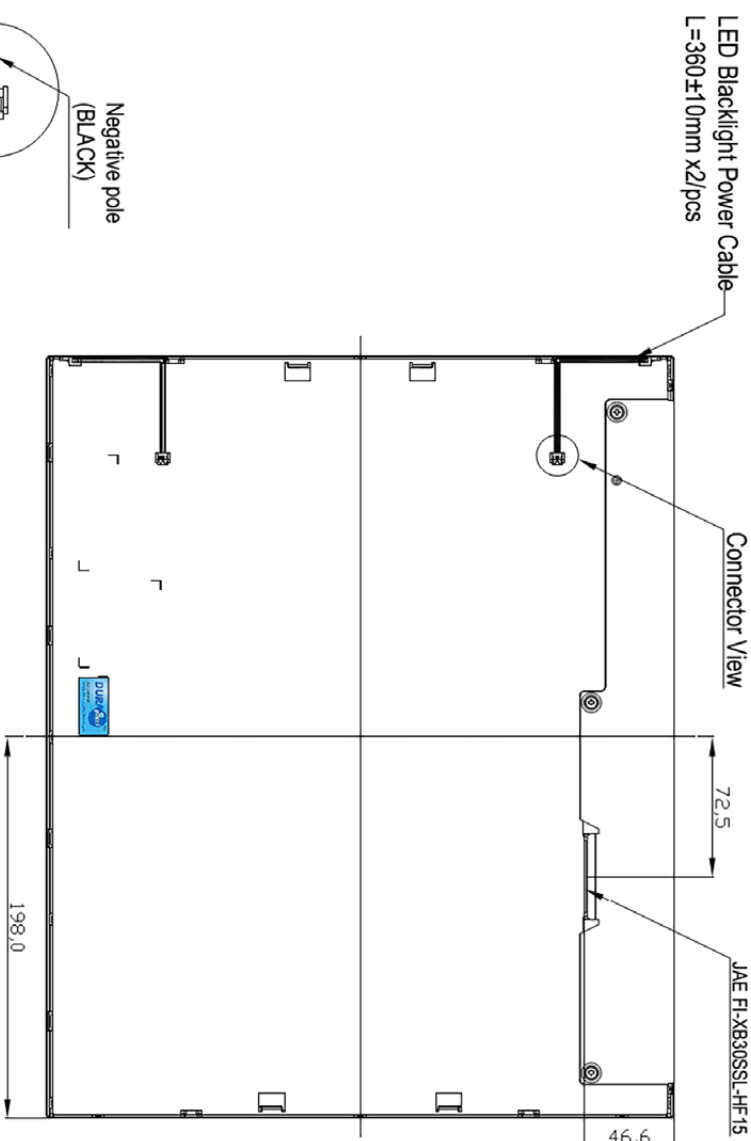
  

DESCRIPTION	SIZE	SHR	REV
VHB.AV0.1968.1600mils.V2.G190ETN01.2.P	A4	1-2	V2

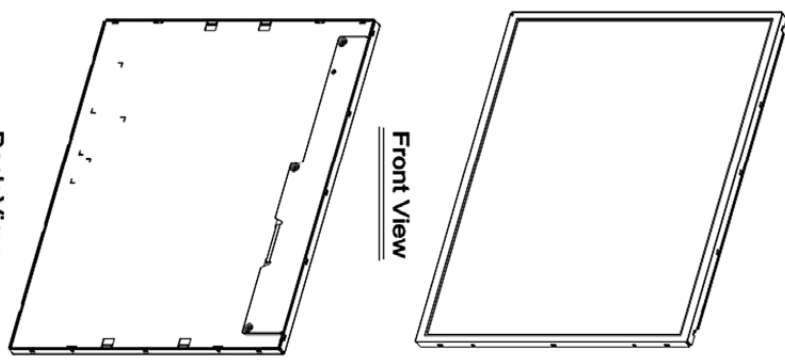
  

<b>LiteMax</b>	Labelix	SIZE	SHR
Electronic Inc.		A4	1-2

- Note :
1. THE DIMENSION EXCLUDES DEFORMATION.
  2. MODULE THICKNESS TO BE 14.5 (MAX).
  3. LED B/L CONNECTOR : HD2505-02 OR COMPATIBLE
  4. J/F CONNECTOR TO BE JAE FI-X30HL OR COMPATIBLE
  5. M3 USER HOLE SCREW TORQUE 5.0 kgf-cm MAX.



REV	ECN NO.	DESCRIPTION	SIGN	DATE
V0	-	正式承認發行	Pearey,Chou	2010/12/10
V1	-	正式承認發行	Pearey,Chou	2012/07/31
V2	-	正式承認發行	Pearey,Chou	2014/07/21



Connector View

APPROVED	CHECKED	DESIGNED	DATE
		Penney,Chou	2013/07/21

LEVEL	General	tolerance	±	SELECT
0-4	0.1	0.1	0.2	LEVEL
4-14	0.15	0.2	0.3	
14-63	0.2	0.3	0.35	
63-250	0.25	0.3	0.4	
250-600	0.3	0.4	0.5	
600-1000	0.4	0.5	0.6	
1000-1600	0.5	0.6	0.8	
1600-2500	0.6	0.8	1.0	
2500-4000	0.8	1.0	1.5	

UNIT: mm SCALE: 1:1  
 DESCRIPTION: VHB-A10-1968, 1600hits, V2, G190ETN01-2, P  
 drawing number: A11968(WT)  
 drawing number: 911019688201  
 DATE: 2013/07/21  
 Litemax  
 Labeler: Litemax  
 Etektronk Inc.  
 SIZE: A4  
 SHEET: 2-2  
 REV: V2