

8U 19" TFT LCD Rackmount Display Panel
1280x1024 with DVI-D + VGA Video Input with
125VDC Power Input

MODEL: NP819-125VDC



BENEFITS:

- 8U 19" LCD display panel
- 1280 x 1024 native resolution / 16.7M colors
- DVI-D + VGA video input
- 2-year standard warranty (upgradable up to 5 years)

OPTIONS:

- HDMI 1.4 + Audio input & output (AV4.4)
 - S-Video + Composite + Audio input & output (BNC)
 - 3G / HD / SD-SDI Broadcast-grade input (SDI)
 - Multi display OSD controller (MSC)
 - MIL-type or lockable connector
 - IP65 front protection (IP65)
 - DC power : 12V / 24V / 48V / 125V
 - Touchscreen : Projected Capacitive 10-pt* / Capacitive 1-pt* / Resistive 1-pt
- *Extra 1U chassis height will be increased after integration*

SPECIFICATIONS

Video	
Video input	VGA + DVI-D single link

LCD Panel	
Panel size (diagonal)	19"
Native resolution	1280 x 1024
Brightness (cd/m ²)	250
Contrast ratio (typ.)	1000 : 1
Colors	16.7 M
Viewing angle (L/R/U/D)	85/85/80/80
Response time (ms)	5
Dot pitch (mm)	0.264
Display area (mm)	337.92H x 270.33V
Surface treatment	Haze 25%, Hard-coating
Surface hardness	3H
Backlight type	LED
MTBF (hrs)	30,000

Physical		
Dimensions (W x D x H)	Product	480 x 53 x 355 mm 18.9 x 2.1 x 14 inch
	Packing	480 x 53 x 355 mm 18.9 x 2.1 x 14 inch
Weight	Net	5.7 kg / 12.5 lb
	Gross	8 kg / 17.6 lb

Power		
Input	125V DC	
Consumption	Screen on	Max. 22W
	Power saving mode	Max. 2W
	Power button off	Max. 1W

Video Option		
Digital	HDMI	HDMI 1.4 / HDCP 1.4
Analog	S-Video (4-pin)	NTSC & PAL
	Composite (BNC)	NTSC & PAL

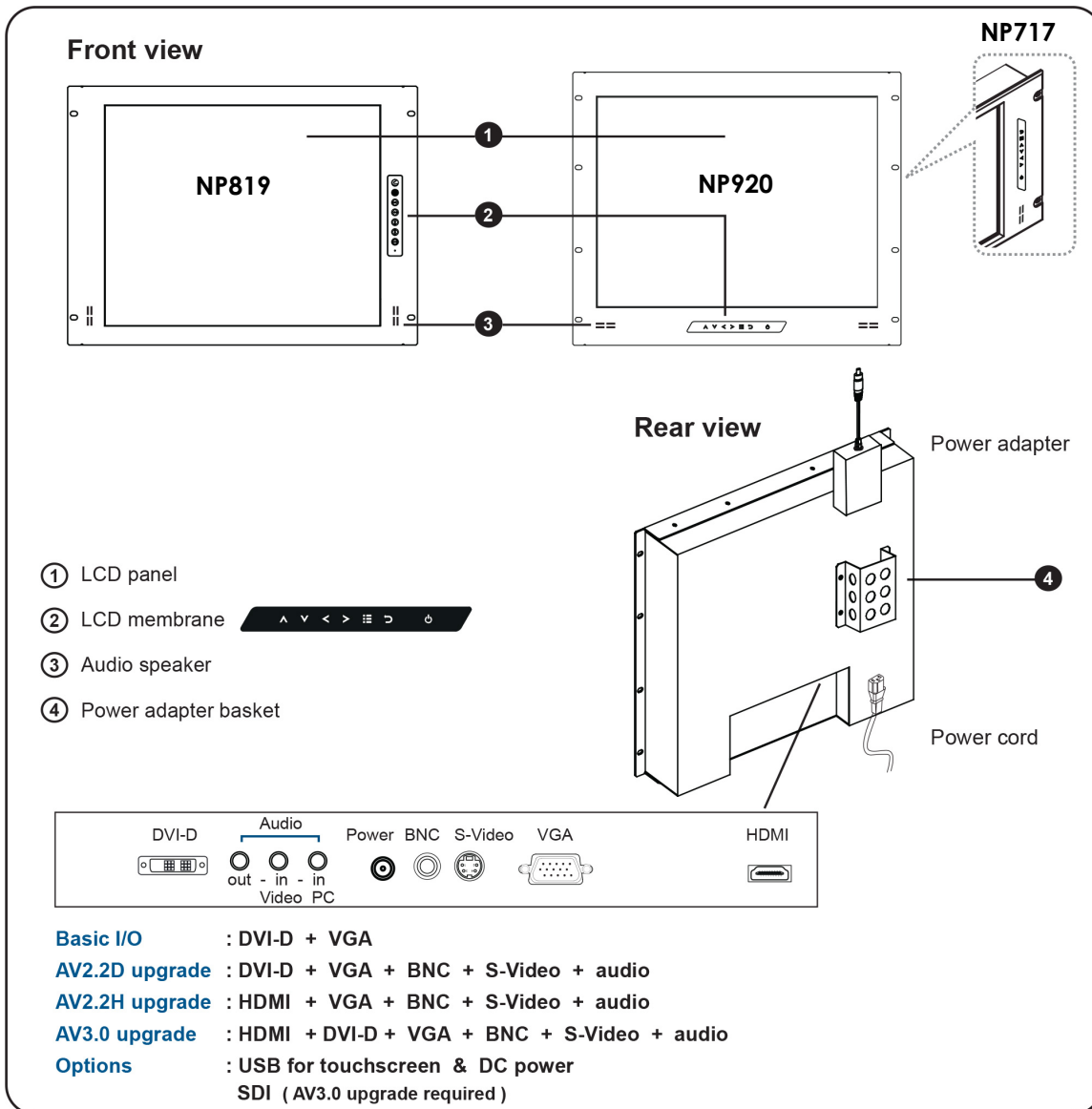
Audio Option		
Input	Connector	3.5mm stereo jack
	Impedance / Power level	30kΩ / 750mV
Output	Connector	3.5mm stereo jack
	Resistance / Power level	30kΩ / 2.8V
Speaker	Dual stereo	2W x 2

Environment	
Operating temp.	0 to 65°C degree
Storage temp.	-20 to 60°C degree
Operating humidity	20~90%, non-condensing
Storage humidity	5 ~90%, non-condensing
Operating altitude	16,000 ft
Non-operating altitude	40,000 ft
Shock	10G acceleration (11ms duration)
Vibration	10~300Hz 0.5G RMS random vibration

Compliance	
EMC	FCC, CE
Safety	CE / LVD & UKCA
Environment	RoHS3 & REACH

**Specifications subject to change without notice, not responsible for typographical errors.*

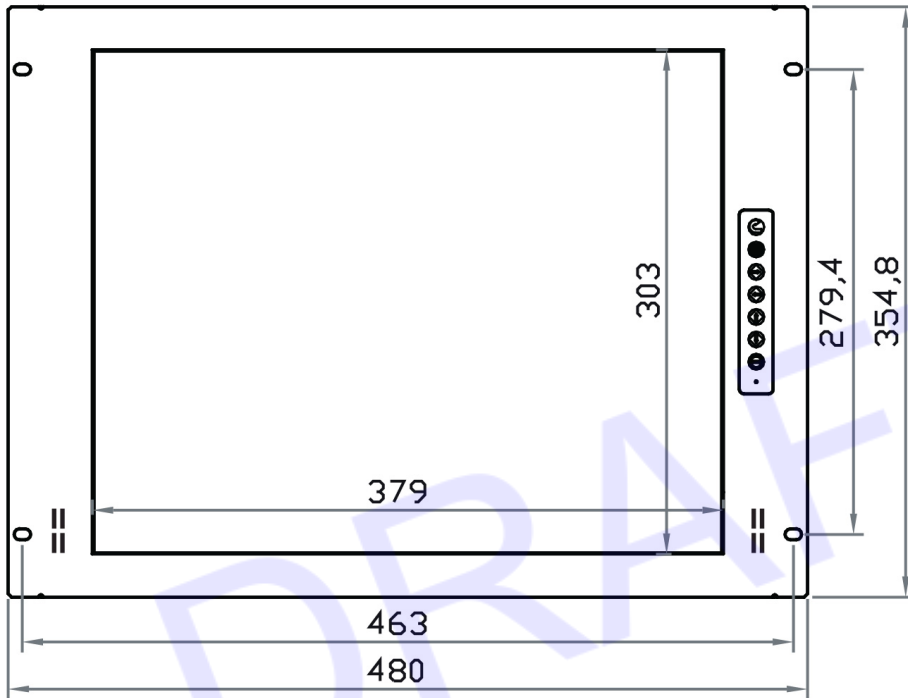
STRUCTURE DIAGRAM



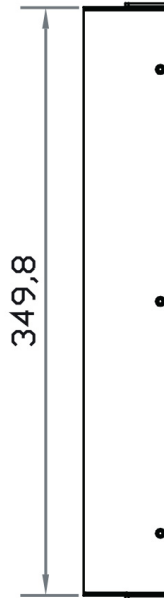
DIMENSION

This is subject to change without Notice. Final Drawings Will be Provided for Approval after Order.

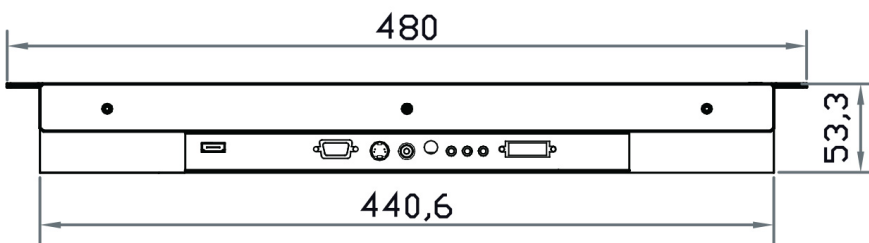
Front View



Side View



Bottom View



UNIT : mm
1mm = 0.03937 inch

Drawing No.: NP819-125VDC-06272022-V1