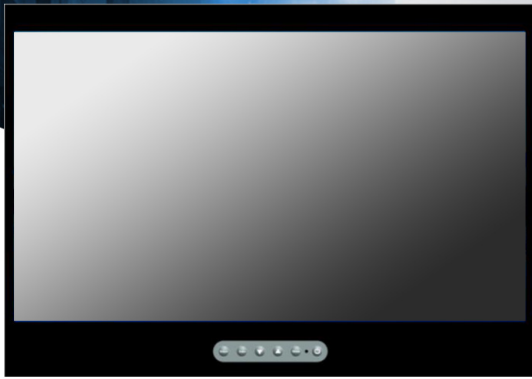


8U 21.5" 1920 x 1080 WIDE FHD LCD Rack Mount Industrial Monitor VGA + HDMI + DP , audio input 2x 2watts stereo speakers with Bracket + 125VDC Input (Built-in) with Terminal Block

Model: ANP8215-125VDC



FEATURES:

- Compact 19 inch rack mountable with 8U height
- 21.5 inch widescreen LCD panel
- 1920 x 1080 high resolution
- Support FHD with 1080p resolution

- VGA, HDMI, Displayport, audio input
- Heavy duty steel chassis with hardness glass protect screen
- Front osd control buttons to optimized display
- Build in 2x 2watts stereo speakers
- DC 120~373V power input

SPECIFICATIONS

LCD Characteristics	
Screen Size	21.5 inch widescreen
Backlight Type	LED
Resolution	1920x1080
Contrast Ratio	3000:1
Brightness (cd/m2)	250
View Angles (H/V)	178/178
Pixel Size (HxV) mm	0.24825x0.24825
Max. Color	16.7M

Input Signals	
VGA	D-SUB 15Pin Connector (Female)
HDMI	HDMI connector (Female)
Displayport	Displayport connector (Female)
Audio	3.5" Jack
Power Input	Screw Type Terminal Block

Power Specifications	
DC Power Input	Screw Type Terminal Block with internal 120~373VDC power module

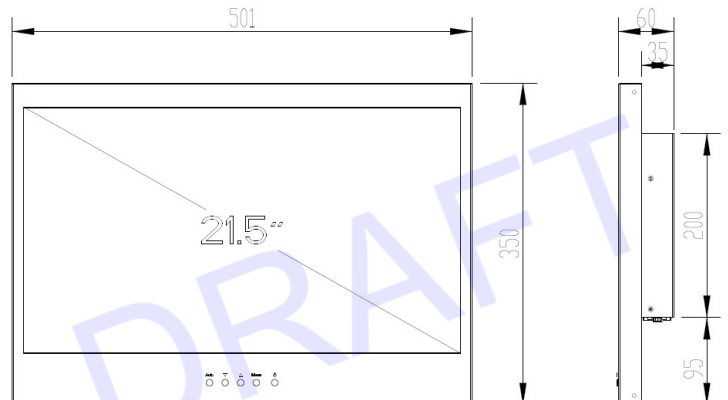
User Controller Interface	
Power ON / OFF via Front Button	
Power Mode Status LED indicator	
OSD (On Screen Display) Buttons	

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

Mechanical and Environment	
Height	8U
IP Protect	N/A
Mounting	VESA Mount and Rack Mount
Construction	Metal Housing
Operating Temperature	0 - 50 deg. C
Operating Humidity	5% - 95% (non -condensing)
Anti-Vibration	5 - 500 Hz / 1 Grms PTP
Anti-Shock	15G / Peak (11 ms)
Physical Dimension (WxHxD)	501 x 350 x 60 (mm) <i>(depth to to defined)</i>
Packing Dimension (WxHxD)	620 x 480 x 210 (mm)
Net Weight / Gross Weight	9.5 / 12 (KGs)
Certification and Approvals	CE / FCC / RoHS

DRAWINGS

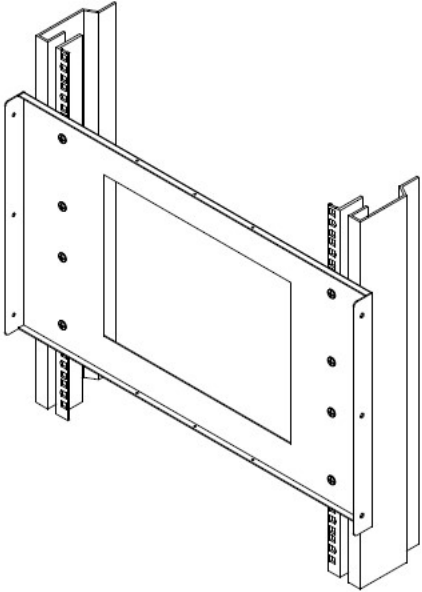
This is subject to change without Notice. Final Drawings Will be Provided for Approval after Order.



CE FC

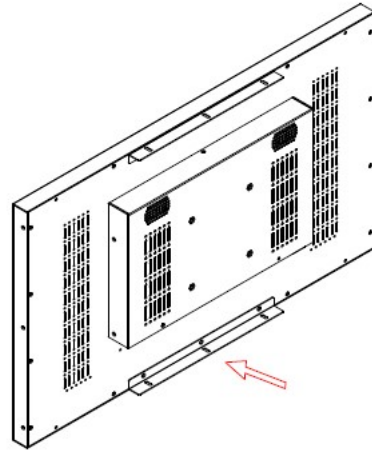


INSTALLATION GUIDE



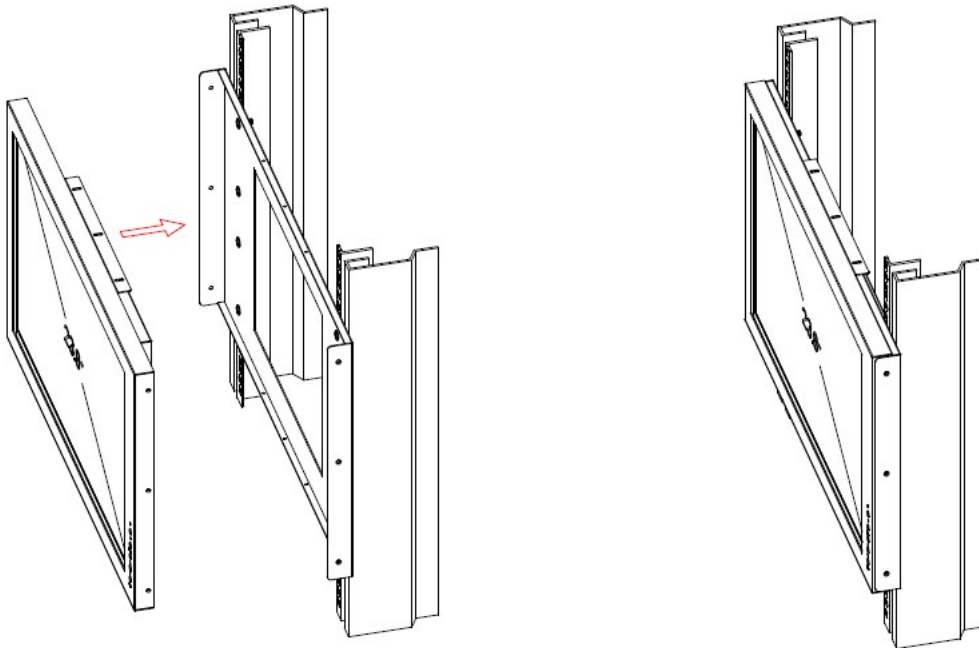
Step 1

- Mount the rear bracket with M6 screw set.
 - 8 x M6 screw set are required
- M6 screw sets are not provided



Step 2

- fix the L-bracket on the monitor



Step 3

- Fix the display panel into the rear bracket with 3 fasteners (Left / right / top / bottom side).

Model: LRS-100-12



FEATURES:

- Universal AC input/ Full range
- Withstand 300VAC surge input for 5 second
- Protections: Short circuit / Overload / Over voltage
- Cooling by free air convection
- Miniature size and 1U low profile
- Compliance to IEC/EN 60335-1 and IEC/EN61558-1, 2-16 for household appliances
- Operating altitude up to 5000 meters
- Withstand 5G vibration test
- LED indicator for power on
- No load power consumptions.3W
- Over voltage category III
- 100% full load burn-in test
- High operating temperature up to 70°C
- High efficiency, long life and high reliability
- 3 years warranty

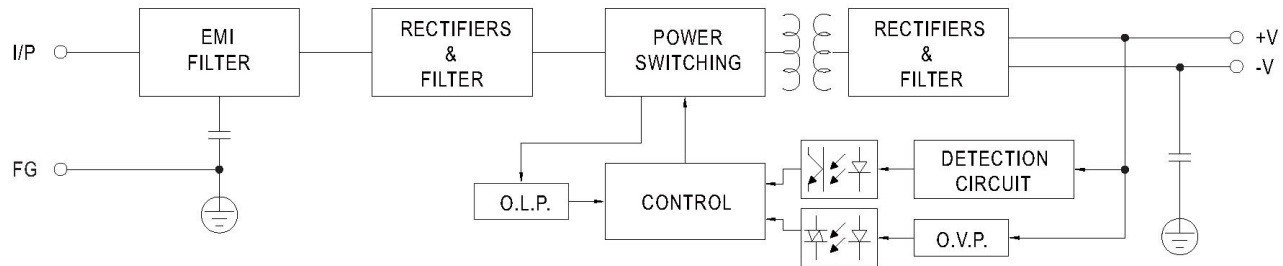
SPECIFICATIONS

OUTPUT	DC VOLTAGE	12V
	RATED CURRENT	8.5A
	CURRENT RANGE	0-8.5A
	RATED POWER	102W
	RIPPLE & NOISE (max.) Note.2	120mVp-p
	VOLTAGE ADJ. RANGE	10.2-13.8V
	VOLTAGE TOLERANCE Note.3	±1.0%
	LINE REGULATION Note.4	±0.5%
	LOAD REGULATION Note.5	±0.5%
	SETUP, RISE TIME	500ms, 30ms/230VAC 500ms,30ms/115VAC at full load
HOLD UP TIME (Typ.)	55ms/230VAC 10ms/115VAC at full load	
INPUT	VOLTAGE RANGE	85 ~ 264VAC 120 ~ 373VDC (Withstand 300VAC surge for 5sec. Without damage)
	FREQUENCY RANGE	47~63Hz
	EFFICIENCY (Typ.)	88%
	AC CURRENT (Typ.)	1.9A/115VAC 1.2A/230VAC
	INRUSH CURRENT (Typ.)	COLD START 50A/230VAC
	LEAKAGE CURRENT	<0.75mA/240VAC
PROTECTION	OVER LOAD	110 - 150% rated output power Protection type : Hiccup mode, recovers automatically after fault condition is removed
	OVER VOLTAGE	13.8-16.2V Protection type : Shut down o/p voltage, re-power on to recover
ENVIRONMENT	WORKING TEMP.	-30 ~ +70°C (Refer to "Derating Curve")
	WORKING HUMIDITY	20 ~ 90% RH non-condensing
	STORAGE TEMP., HUMIDITY	-40 ~ +85°C, 10 ~ 95% RH non-condensing
	TEMP. COEFFICIENT	±0.03%/°C(0~50°C)
	VIBRATION	10 - 500Hz, 5G 10min./1cycle, 60min. each along X, Y, Z axes
	OVER VOLTAGE CATEGORY	III; Compliance to EN61558, EN50178, EN60664-1, EN62477-1; altitude up to 2000 meters
SAFETY & EMC	SAFETY STANDARDS	UL60950-1, TUV EN60950-1, EN60335-1, EN61558-1/-2-16,CCC GB4943.1, BSMI CNS14336-1, EAC TP TC 004, AS/NZS 60950.1 (by CB) approved
	WITHSTAND VOLTAGE	I/P-O/P:4KVAC I/P-FG:2KVAC O/P-FG:1.25KVAC
	ISOLATION RESISTANCE	I/P-O/P, I/P-FG, O/P-FG:100M Ohms / 500VDC / 25°C/ 70% RH
	EMC EMISSION	Compliance to EN55032 (CISPR32) Class B, EN55014, EN61000-3-2-3, GB/T9254, BSMI CNS13438, EAC TP TC 020
	EMC IMMUNITY	Compliance to EN61000-4-2,3,4,5,6,8,11, EN61000-6-2 (EN50082-2), heavy industry level, criteria A, EAC TP TC 020
OTHERS	MTBF	720.6K hrs min. MIL-HDBK-217F (25°C)
	DIMENSION	129*97*30mm(L*W*H)
	PACKING	0.34Kg; 40pcs/14.6Kg/0.92CUFT

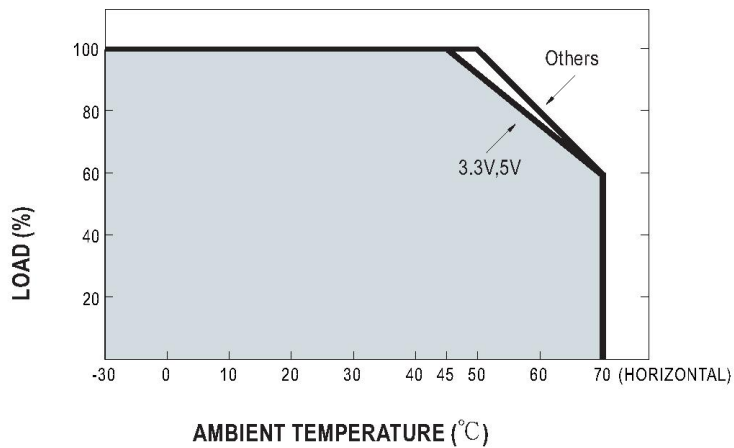
NOTE	<ol style="list-style-type: none"> 1. All parameters NOT specially mentioned are measured at 230VAC input, rated load and 25°C of ambient temperature. 2. Ripple & noise are measured at 20MHz of bandwidth by using a 12" twisted pair-wire terminated with a 0.1 uf & 47uf parallel capacitor. 3. Tolerance : includes set up tolerance, line regulation and load regulation. 4. Line regulation is measured from low line to high line at rated load. 5. Load regulation is measured from 0% to 100% rated load. 6. Length of set up time is measured at cold first start. Turning ON/OFF the power supply very quickly may lead to increase of the set up time. 7. The ambient temperature derating of 5°C/1000m is needed for operating altitude greater than 2000m(6500ft). 8. The power supply is considered a component which will be installed into a final equipment. All the EMC tests are been executed by mounting the unit on a 360mm*360mm metal plate with 1mm of thickness. The final equipment must be re-confirmed that it still meets EMC directives. For guidance on how to perform these EMC tests, please refer to "EMI testing of component power supplies."
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■ Block Diagram

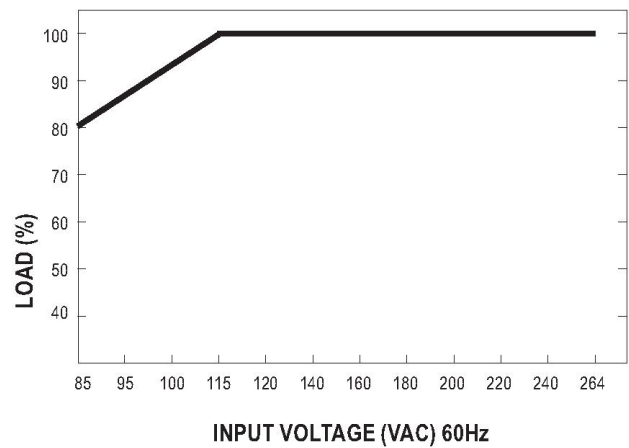
fosc : 65KHz



■ Derating Curve

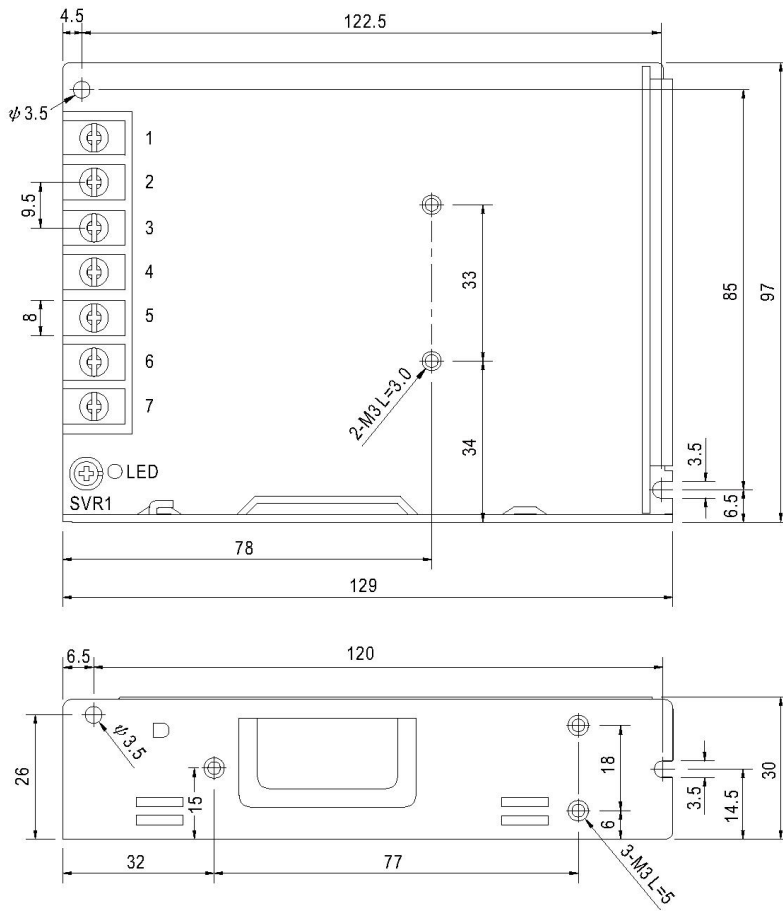


■ Static Characteristics



Mechanical Specification

Case No.238A Unit:mm



Terminal Pin No. Assignment

Pin No.	Assignment	Pin No.	Assignment
1	AC/L	4,5	DC OUTPUT -V
2	AC/N	6,7	DC OUTPUT +V
3	FG \perp		