

RACKMOUNT TFT LCD MONITOR



10U 21.3" MIL Grade LCD Monitor
 Aluminum front bezel IP65, black color, 1600x1200 resolution, MIL-STD-167-1 or MIL-STD-810 compliant

Model: Nmil-NP2130

SPECIFICATIONS:

LCD Display	LCD Panel	LCD Size : 21.3" diagonal Active Matrix LCD TFT display Resolution : 1600 x 1200 UXGA Brightness (Typical/User) : 300 cd/m2 Contrast Ratio : 900 : 1 Dot Pitch : 0.270 (H) x 0.270 (V) mm Response Time : G to G 14 ms Display Color : 16.7 Million 8 bits View Angle : Ultra wide 89-89° Horizontal / 89-89° Vertical
Front Glass	Front Glass and Filter	Chemically strengthened Anti Reflective glass EMI / EMC Mesh Filter
Dimming Ratio	Dimming Ratio	10% to 100%
Connection	Input Video Connectors	Video : DVI-D, VGA, R,G,B,H,V, 1 x RS232 for remote control PIP : CVBS (Optional)
Controls & Indicators	OSD	Front waterproof 5 keys keyboard and LED indicator Direct access by front waterproof keyboard
Power Requirements	Power Supply Power Capacity	AC100 to 240V 40/400 Hz, 150W capacity and or 170 VDC (support 120V to 375V DC), 150 Watts capacity
Power Consumption	Total Power Consumption	Normal power consumption : 30 Watts (heater disabled) Normal power consumption : 80 Watts (heater switch on)
Heater Module	Heater (Optional) On-Off Control	Built-in Nagasaki-patented Heater module, AC230V, 50W Control : auto switch on at 6°C, and auto switch off at 16°C To support operating temperature : -20 deg C to + 55 deg C.
Mechanical	Front Bezel Mounting Screen Size Dimension Weight Material	12 mm thick aluminum front bezel Console Mounting with 8 x M6 captive screws 21.3 inch diagonal 533.4 X 443.7 X 95.5 mm Weight : around 11 kgs Aluminum / RAL 101 Black color (front and rear)
	Color	RAL 101 Black color front and rear
	Chassis	Rugged corrosion resistant enclosure, All corners rounded without any sharp edges
	Ingress Protection	IP-65 on front side
Design to meet Environmental Specification		Design to comply with the following standards :
	Operating Temperature Storage Temperature Relative Humidity Altitude Vibration Shock EMI / EMC	0 ~ +50°C -30 ~ +70°C 0~95% at 40°C Storage : 0 to 45,000 feet Operating : 25,000 feet MIL-STD-167-1 or MIL-STD-810 compliant MIL-STD-810 Method 516.2, 30g, 12.5 ms Half sine, X, Y, Z axis Extra test cost is required for MIL-STD-461E : CE101, CE102, CS114, CS116, RE101, RE102, RS101, RS103, RS105



MECHANICAL DRAWING:

