

MILITARY GRADE FRONT IP65 RACK MOUNT LCD MONITOR

Rugged 19" Display for Mission-Critical Applications



19"
LCD Monitor



1280 × 1024



450 nits
LED



Front
IP65



VGA + HDMI



2 × BNC In
+ Loop Out



MIL-STD-810G



Anti-Vibration
& Shock



Built-in
Power



110/240VAC via
3-pin MIL Lock
Connector

Designed to meet **MIL-STD-810G** requirements
for rugged operation in demanding environments.

MODEL: AMil-NP819

FEATURES:

- **19" Military-Grade LCD Monitor** — Front Rack-Mount, 1280 × 1024 Resolution, 450 nits LED Backlight
- **Front Protection** — IP65
- **Video I/O** — VGA, HDMI, 2 × BNC Inputs + Loop Output
- **Power** — Built-In Power Supply, 110/240VAC via 3-Pin MIL Lock Connector
- **Military Compliance** — Designed to Meet MIL-STD-810G, Anti-Vibration & Shock Resistance

SPECIFICATIONS

LCD CHARACTERISTICS	
Screen Size	19
Backlight Type	LED
Resolution	1280x1024
Contrast Ratio	1000:1
Brightness (cd/m2)	450
View Angles (H/V)	160/140
Pixel Size (HxV) mm	0.294x0.294
Max. Color	16.7M

INPUT SIGNALS	
VGA	D-SUB 15Pin Connector (Female)
HDMI	HDMI Connector (Female)
BNC	2 x BNC in and loop out (BNC Connector)
Audio	3.5" jack
Power Input	MIL lock connector, 100-240V AC Input

POWER SPECIFICATIONS	
AC Power Input	MIL lock connector, 100-240V AC Input

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

USER CONTROL INTERFACE	
Power ON / OFF via Front Button	
Power Mode Status LED indicator	
OSD (On Screen Display) Buttons	

MECHANICAL AND ENVIRONMENT		
Height	8U	
IP	Front bezel NEMA4 / IP65 compliant	
Mounting	Rack Mount and VESA Mount	
Construction	Aluminum Housing	
Operating Temperature	-20 ~ 70 deg. C	Method 501.5 and 502.5
Storage Temperature	-30 ~ 80 deg. C	Method 501.5 and 502.5
Operating Humidity	5% - 95%, non - condensing	Method 507.5
Anti-Vibration	5 - 500 Hz / 1 Grms PTP	Method 514.6
Anti-Shock	15G / Peak (11 ms)	Method 516.6
Physical Dimension (WxHxD)	480 x 354.8 (8U) x 62 (mm)	
Packing Dimension (WxHxD)	620 x 480 x 210 (mm)	
Net Weight / Gross Weight	5 / 8 (KGs)	
Certification and Approvals	CE / FCC / RoHS	

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



Drawing No.: AMil-NP819-10092026-V1