



GLIDER RUGGED LARGE-FORMAT RACK MOUNTED LCD

The Glider is a rapid deployable large-format rack mountable flat panel display. With a 21.3" viewing area and 1600 x 1200 pixel resolutions, the plug-and-play Glider delivers the largest rack stowable LCD display monitor with the most advanced color, clarity and performance.

Dual quick-lock and release mechanisms on the Glider assure rapid deployment. The locks firmly hold the Glider in the storage position in any

19" RETMA rack or transit case. With its patented articulating display support mechanism the Glider folds out and is operational within a minute.

Manufactured from lightweight, aircraft grade, CNC machined aluminum and finished with a baked powder coating, the mission-proven Glider is tough, durable and lightweight.

Highlights

- 21.3" active display area
- Active matrix color
- High resolution 1600 x 1200
- Portrait or landscape viewing
- Rugged lightweight packaging
- Rugged lightweight packaging

- Integrates with any work station, PC or X Terminal
- Up to 178 degree viewing angle
- Tucks away in 2U rack space
- Applications include:
 - Shipboard, Airborne, Field Deployments
- Compatibility:
 - Sun, SGI, DEC, IBM, PC, Mac

SPECIFICATIONS

Glider Display

LCD Panel

| | |
|-----------------|---|
| Size: | 21.3" |
| Native Pixels: | 1600 x 1200 |
| Color Palette: | 16.7 million |
| Contrast Ratio: | 900:1 |
| Luminance: | 300 cd/m2 (max) |
| Viewing Angle: | Full +/-89° |
| Controls: | Operator Control Panel or GUI SoftMenus |

Power

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|--------------------|---------------------------------|
| Power Consumption: | 80 W |
| Power Supply: | 90-264 VAC@47-63 Hz, 400 Hz, 1A |

Cabling

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|--------------|---------------------|
| Display: | 6' cable (optional) |
| Power Cable: | 6' cable, IEC |

Physical

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|---------|---------------------|
| Size: | 3.5"H x 27"D x 19"W |
| Weight: | 41 lbs. |

Environmental*

| | |
|-------------------------|---|
| Operating Temp**: | 0° to + 40° Celsius |
| Non-operating Temp: | -40° to + 70° Celsius |
| Operating Humidity: | 5% to 95% Non-condensing |
| Non-Op. Humidity: | 5% to 95% Non-condensing |
| Non-operating Altitude: | Up to 40,000 ft. |
| Operating Altitude: | Up to 15,000 ft. |
| Vibration: | MIL-STD-167 (storage configuration) |
| Shock: | MIL- STD 810E (Method 516), 20g's (storage configuration) |
| Sand and Dust: | 5.5 MPH for 25 min. (Display head only) |
| Fungus: | Non Nutrients/contaminants |

Reliability

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|------------------|---|
| MTBF: | 20,000 Hrs with backlight change at 10,000 Hrs. |
| Maintainability: | <30 minutes |

Regulatory

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|---------|--|
| Safety: | UL 60950 (used as a design guideline) |
| EMI: | -STD-461E (call factory to discuss requirements) |

Quality/Workmanship
IPC / ISO 9001:
HDBK-454

2000 and applicable section of MIL-

*Environmental testing has not been conducted. All environments are listed as Design Goals, based on results of similar display products

** Unit will power up and is legible at -20°C; backlight life is reduced

