

RUGGED LCD MONITOR/KEYBOARD

19-Inch LCD Monitor/Military Keyboard/Trackball 4-Port KVM Switch Assembly, Rack Adapter For Use with 22-Inch Depth, Cable Management Guide and Integrated 4-Port USB KVM Switch Assembly with Video and PC USB Keyboard/Mouse Cables Included Power Supply Assembly for use with 115-107-301-B



Model: GMIL219

FEATURES

- 2U high design requires less operator space in front of the rack chassis to operate
- Standard display sizes from 15.0", 17.0", 17.3", 19.0", 20.1" (other display sizes available upon request)
- Requires a General Digital Rack Adaptor to mount into rack chassis
- Rack Adaptor available for integration of other accessories (cable guides, power supplies, KVMs) and to provide additional protection for the monitor
- Highly configurable and customizable design

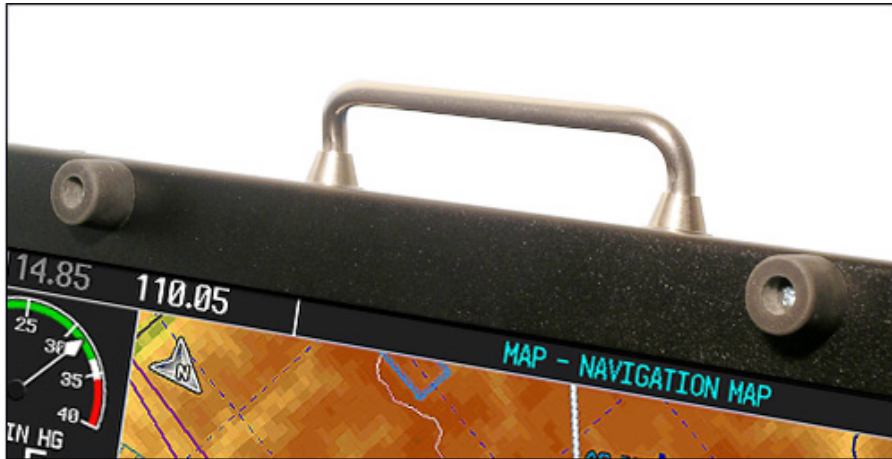
The low profile GMIL219 is the premiere, fully-integrated LCD monitor / keyboard / pointing device for 19" rack chassis applications. Although it integrates many of the same components as a laptop (i.e., LCD, keyboard, pointing device) and physically resembles one as well, its 2U high (3.50") enclosure has been designed specifically to endure the harsh environments of industrial, commercial-off-the-shelf (COTS), and military applications. The flip-up display head folds over the keyboard and pivots up using torque-adjustable friction hinges, allowing operators to optimize the viewing angle. Our design technique also ensures the smallest enclosure footprint (height and depth) in the industry.



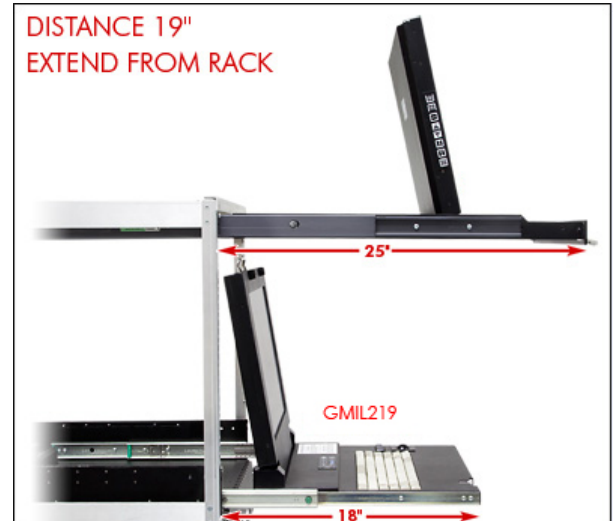
With Rack Adapter and Cable Guide



Mounted in Rack



Isolation Dampeners and Stainless Steel Handle

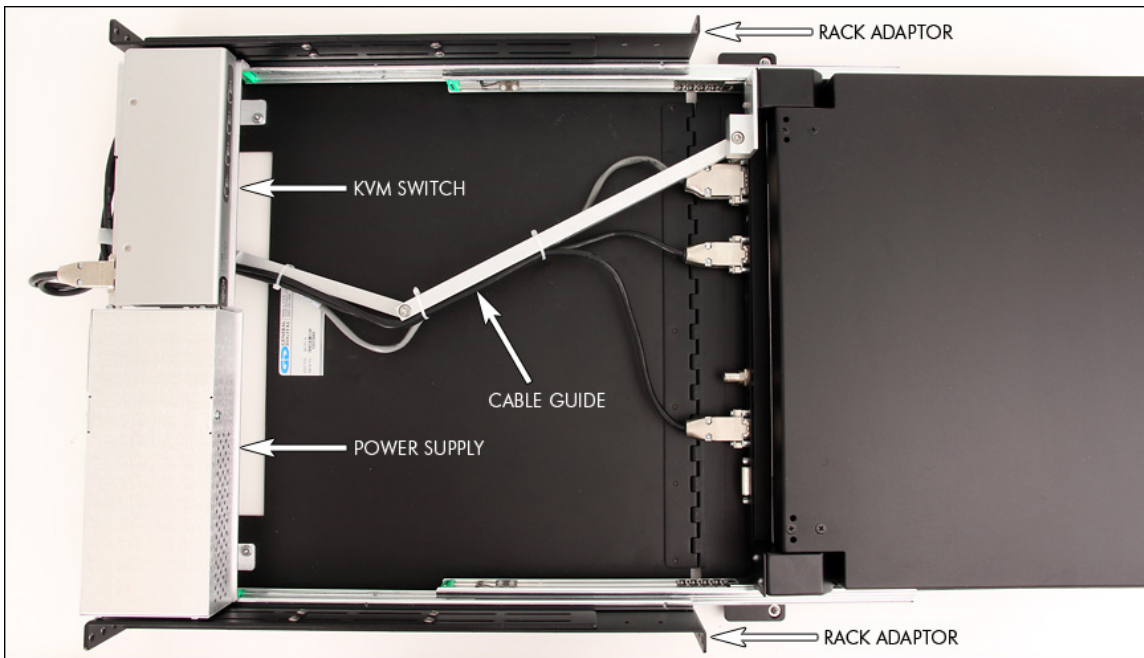


The GMIL219 narrow depth allows it to occupy minimal space in front of the rack during operation. For example, an SL2-19W will extend less in front of the rack (18" total) than a comparably configured SL1-19W (25" total). Similarly, an SL2-15X will extend 5" less than its GMIL219 1U counterpart. This trait makes it very desirable for deployment in narrow spaces, such as aboard a ground vehicle or naval vessel.

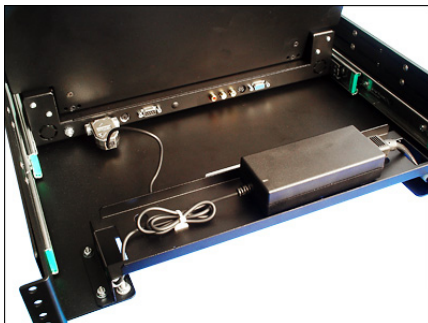


CONNECTOR PANEL

Locking style connectors for all interfaces are located at the back of the case to facilitate cable management schemes. Use of Ny-lock hardware and isolation dampening materials further improve the durability under shock and vibration conditions.



With OPTIONAL ACCESSORIES



Rack Adaptor with optional power supply and bridge



Rack Adaptor with optional cable guide

A Rack Adaptor facilitates installation of the GMIL219 into a 19" RETMA rack, functioning as both a drawer and a protective case. The GMIL219 mounts to the Rack Adaptor via a pair of integrated, ball bearing slides that permit the monitor / keyboard to be slid in and out of the rack, and lock into place. A hinged bezel on the Rack Adaptor latches to the unit to prevent it from moving either horizontally or vertically when subjected to vibration while in the stowed position.



82-Key Industrial Keyboard



82-Key Military Keyboard

A vast assortment of commercial-, industrial-¹ or military-²grade keyboards are available for integration with, or without, integrated pointing devices. Multiple keyboard protocols are supported including PC (USB, PS/2, AT, XT) and SUN® [Type 5 (8-pin Mini-DIN), Type 6 [USB]], as well as custom or proprietary interfaces.

Similarly, a wide selection of video controllers are available to complete your configuration, allowing you to fine tune the display features and support to your specific video requirements.

DISPLAY SPECS:

| | |
|------------------------------|----------------|
| Size | 19" LCD |
| Resolution | 1280 x 1024 |
| Backlight Type | LED |
| Brightness | 330nits |
| Contrast | 900: 1 |
| Hor. Viewing Angle | ±89° |
| Vert. Viewing Angle | ±89° |
| Response Time (TR/TF) | 7/11 ms |
| Operating Temp. (°C) | 0° to 50° |
| Mounting Style | Side |

MECHANICAL DRAWING:

