

Brochure

VIAMI

MAP-300

Third-Generation Optical Test and Measurement Platform

Since the original Multiple Application Platform (MAP) system was released in 2001 as part of JDSU, the MAP system has been the heart of the VIAMI optical test solutions for labs and manufacturing. The MAP-300 Series is the culmination of years of innovation and refinement; building upon proven strengths while adding innovation where it matters most for our customers.

With unmatched scalability, users can be assured that the MAP-300 will meet their exact needs today, while still giving them the ability to address future requirements as they arise.

The configurable user interface allows operators to customize their test workflow in an intuitive dashboard layout that corresponds with the connected test modules. The web-based interface provides access from multiple users and locations, so that optical system manufacturers can manage test operations across stations, rooms, buildings, or continents. This simple user interface can be managed via PC connection or optional 15.6-inch touchscreen. In addition, each chassis also includes a 3.5-inch touch screen that provides quick access to connection and configuration settings.



Highlights

- Simple & Intuitive operation via on-screen GUI
- HTML-based Graphical User Interface supports multiple users and locations
- Field-replaceable controller includes 3.5" touch screen for quick access to both top-level information and further details in a local management interface
- Fast boot-up time
- Customizable for rackmount, reverse-rackmount and benchtop mainframe configurations
- Extensive Input/output interfaces
- Compatible with existing family of LightDirect™ modules to deliver the industry's most extensive range of test capabilities
- Integrates with other lab & production applications such as LabVIEW, Visual C++, Visual Basic, and LabWindows™ using SCPI commands

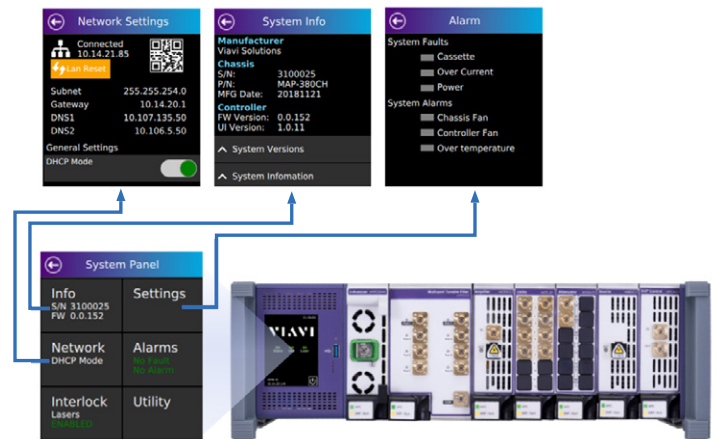
HTML-based Graphical User Interface

- Consistent user experience both locally and remotely via web browser.
- Users from multiple manufacturing locations can access the MAP-300 GUI from a mainframe locally or remotely via Ethernet.
- New Dashboard interface provides intuitive widget-style layout.
- Each application module is represented by a corresponding widget that is scalable based on the user's preferred level of detail.
- Users can customize their dashboard with layouts that are optimized for their workflow needs.
- Multiple users can manage different views with dedicated User Profiles



Local Management Interface

- Integrated local 3.5" touchscreen provides quick access to both top-level information and further details for system information, network settings, and connected modules.
- View system faults and alarms and diagnostic tools
- Easy cassette firmware upgrade capability



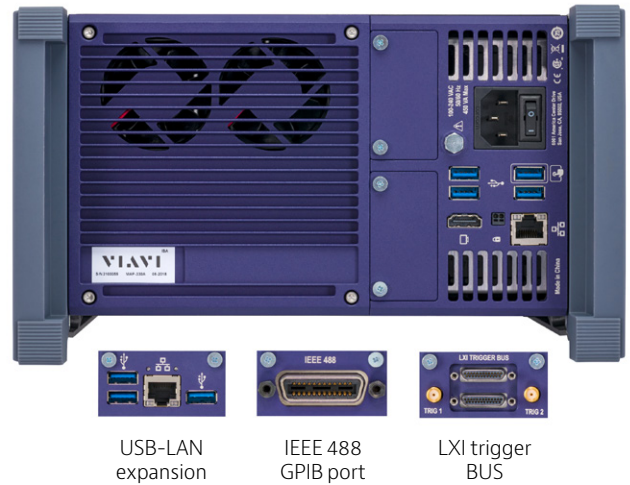
Customizable for both rackmount and benchtop operation

- Like its predecessor, MAP-300 is offered in both benchtop and rackmount versions as either three or eight slot mainframe configurations in a 3U rack space.
- The eight-slot is also provided in a reverse rack-mount configuration.
- The three-slot version is also available with a touch screen that can be docked on the mainframe for an easy portable, self-contained system.



Extensive Input/output interfaces

- Ethernet port
- 4 USB host ports for peripherals
- 1 USB port for touchscreen
- Integrated 3.5" LCT touch screen
- Optional accessories:
 - IEEE 488 GPIB port
 - USB-LAN expansion
 - LXI trigger BUS



LightDirect™ modules deliver the industry's most extensive range of test capabilities

MAP-300 supports the entire LightDirect™ family of hot swappable application modules such as attenuators, polarization scramblers, power meters, and spectrum analyzers. Individually or together, they serve as the building blocks that allow for scalable and efficient manufacturing of optical network elements that allows for a smaller test setup than traditional platforms.



To learn more about the LightDirect family, see the [MAP-Series Selection Guide](#).

For more information visit viavisolutions.com/map-300.



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