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Ixia 100 Chassis

Ixia 100

The IXIA 100 provides the means for accurate worldwide timing using GPS or CDMA antenna inputs. The IXIA 100 chassis has 1 slot for an Ixia Load Module and includes either an integral GPS unit (IXIA 100 GPS) or CDMA unit (IXIA 100 CDMA). The IXIA 100 is shown in the following figure.

Figure 14-1. Ixia 100 Chassis



The IXIA 100 with integrated Global Positioning System (GPS) or Code-Division Multiple Access (CDMA) technology is designed for distributed end-to-end measurements of key metrics, including point-to-point latency and jitter.

IXIA 100 Specifications

The IXIA 100 chassis specifications are contained in the following table.

Table 14-1. Ixia 100 Chassis Specifications

| | |
|------------------------|---|
| Physical | |
| Load Module Slots | 1 |
| Size | 17.5" w x 1.75" h x 20.15" d (44.5cm x 4.5cm x 38.1cm) |
| Weight | 14lbs (6.4kg) |
| Avg. Shipping Wt. | 16lbs (7.3kg) |
| Shipping Vibration | FED-STD-101C, Method 5019.1/5020.1 |
| Environmental | |
| Temperature | |
| Operating | 41°F to 104°F, (5°C to 40°C) Note: Some high-density/high performance load modules may require a lower operating temperature; if this is the case, the operating temperature is specified in the load module datasheet. |
| Storage | 41°F to 122°F, (5°C to 50°C) |
| Humidity | |
| Operating | 0% to 85%, non-condensing |
| Storage | 0% to 85%, non-condensing |
| Power | 100-240V 60/50Hz 1.5-0.75A |
| Front Panel Switches | On/Off momentary power push button |
| Front Panel Indicators | Power, Satellite Lock, Time Stamp |
| Front Panel Connectors | |
| Mouse & Keyboard | PS/2 6-pin DIN |
| Monitor | HD-DB15 Super VGA |
| Printer | Female DB25 parallel port |
| Ethernet | RJ-45 10/100Mbps Fully integrated PC with 10/100 NIC |
| Com 1 | 2 male DB9 ports |
| Back Panel Connectors | |

Table 14-1. Ixia 100 Chassis Specifications

| | |
|------------------------|--|
| Power | Male receptacle (IEC 320-C19) |
| XM2 Noise Spec(Fan db) | Condition:Ixia XM2 Front Back Right Left Plugged in not started 56 54 57 58 Only CPU Running On Low Speed 58 56 58 60 On Medium Speed- On Full Speed 70 67 70 73 |

Rack Mount Cautions



Caution: If this unit is installed in a Rack Mount, observe the following precautions:

- a:** Elevated Operating Ambient Temperature: If installed in a closed or multi-unit rack assembly, the operating ambient temperature of the rack environment may be greater than room ambient temperature. Therefore, consider installing the equipment in an environment that is compatible with the maximum allowable ambient temperature specified for the chassis (40° C).
- b:** Reduced Air Flow: Install the equipment in a rack so that the amount of air flow required for safe operation of the equipment is not reduced. Do not block the back or sides of the chassis, and leave approximately two inches of space around the unit for proper ventilation.
- c:** Mechanical Loading: Mount the equipment in the rack so that a hazardous condition is not caused due to uneven mechanical loading.
- d:** Circuit Overloading: Consider the connection of the equipment to the supply circuit and the effect that overloading of the circuits might have on overcurrent protection and supply wiring. Pay attention to equipment nameplate ratings when addressing this concern.
- e:** Reliable Earthing: Maintain reliable earthing (grounding) of rack-mounted equipment. Pay special attention to supply connections other than direct connections to the branch circuit (such as use of power strips).

