

Main Memory Volatility Statement

Models: Centauri

Product Description:

General Purpose Laser Power and Energy Meter

Memory Description:

This meter contains the following memory devices:

<i>Volatile Memory Description</i>				
<i>Type</i>	<i>Size</i>	<i>User modifiable (Y/N)</i>	<i>Function or Use</i>	<i>Process to Clear</i>
DDR3	2GB	N	Main software run-time process and variables	Meter turned off
SRAM (MCU)	512KB	N	MCU running process	Meter turned off

<i>Non-Volatile Memory Description</i>				
<i>Type</i>	<i>Size</i>	<i>User modifiable (Y/N)</i>	<i>Function or Use</i>	<i>Process to Clear</i>
Flash	512MB	Upgrade	Main operating system, startup settings	Ophir service centers
eMMC	16GB	Upgrade	Main operating system	Ophir service centers
EEPROM	512KB	N	Calibration constant	Ophir service centers
Flash (MCU)	2MB	Upgrade	Secondary operating code	Ophir service centers

General:

Meter calibration constants are stored in EEPROM in Centauri meter. The calibration constants are generated when the meter is sent through its calibration process in the factory, and are fundamental to the meter operation.

Note: The meter contains a D15 connector to which a range of custom sensors can be attached. Calibration data for any such sensor is separate from the meter and is stored inside the sensor itself, not inside the meter.

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