

## WHITE PAPER

## IS215WEMAH1BB / 111W2413P001 - Wide Ethernet Multiplexed Adapter (*Make-GE*) BTPL Product Code - BTPL-R08

### Product Details :

The IS215WEMAH1BB is a WEMA board (WEMA stands for "Wide Ethernet Multiplexed Adapter"). It is an Ethernet interface communication module designed for GE's turbine control systems.

### Technical Specifications

- **Manufacturer:** General Electric (GE)
- **Part Number:** IS215WEMAH1BB
- **Connectivity:** Provides two 10/100Base-TX Ethernet ports for network communication. Supports high-speed data transfer for real-time control and monitoring.
- **Functional :** Acts as a network interface to connect Mark VI / Vle control systems to external HMIs (Human Machine Interfaces), engineering workstations, or plant networks.
- **Product Series:** Mark VI or Mark Vle turbine control systems

### Application:

- Gas turbines, Steam turbines, Wind turbines
- Other heavy-duty rotating machinery
- Power generation plants where GE's Mark VI / Mark Vle control systems are deployed

Specifically, the IS215WEMAH1BB:

- Enables reliable real-time data exchange between turbine control hardware and operator stations
- Supports plant Distributed Control Systems (DCS) integration
- Handles data logging, system diagnostics, and remote monitoring



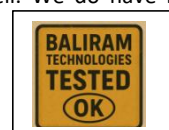
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**State-of-the-Art Test Setup** Our commitment to precision is reflected in our meticulously equipped test setup. We utilize only the best quality instruments.

- Accurate electrical measurements.
- LCR meters, Logic probes for digital circuit analysis.
- High End Oscilloscopes for visualizing electrical signals.
- Wide range of Function generators.
- Power supplies ranging from 3VDC to 300VDC and 110Vac to 3phase 230Vac for controlled testing environment.
- Premium soldering and desoldering stations for precise component work.
- We do test DUT (Device under test) with simulated and controlled environment.

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