



Product Bulletin

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MDS TransNEXT

Model B Replaces Discontinued Model S

Overview

GE Vernova Grid Solutions recommends MDS TransNEXT Model B as a functionally equivalent alternative to discontinued MDS TransNEXT Model S.

OFFERING	LAST ORDER DATE	ALTERNATIVE
MDS TransNEXT Model S Order codes: NXTNET9Sxxxxxxxxxxxx	Order book closed	MDS TransNEXT Model B Order codes: NXTNET9Bxxxxxxxxxxxx

Background

The Model S included 2 RF ports, however only one RF port is used. The Model B includes a single RF port and is otherwise functionally equivalent to the model S.

Model comparison

Feature	Model B	Model S
Display	Available with or without display	Available with or without display
Ports	1 Ethernet, 1 Serial, 1 Antenna/RF	1 Ethernet, 1 Serial, 2 Antenna/RF (1 non-operational)
Power Draw	@13.8V Transmit: 455mA, Receive: 48mA	@13.8V Transmit: 695mA, Receive: 70mA
Feature Sets	Available with "Bridge Mode Ready" or "Mirrored Bits" features set	Available with "Bridge Mode Ready" feature set. Older models used feature set "None"
Supported Firmware	2.0.0 or higher	2.0.0 or higher. Older models with features set "None" use 1.x firmware

**TransNEXT Model B****TransNEXT Model S (2nd RF not used)**

Details

TransNEXT order codes are strings representing product configuration. The TransNEXT is configured using a 21-character configuration string that includes a “Model” field in character #8 and an “Authorized Feature Set” field in characters #17-18.

Model (pos 8)	Auth Feature Set (pos 17-18)	Operating Modes	Firmware
S (dual RF) - discontinued	NN - None	TransNEXT mode only	1.x
S (dual RF) - discontinued	BR – Bridge Mode Ready	TransNEXT mode or Bridge mode	2.x+
B (single RF)	BR – Bridge Mode Ready	TransNEXT mode or Bridge mode	2.x+ 3.x+
B (single RF)	MB - Mirrored Bits	TransNEXT mode or Mirrored Bits mode	3.x+

The configuration string is equivalent to the order code and can also be read from the TransNEXT user interface. “Auth Feature Set” (position 17-18) determines the available operating modes regardless of the model.

Authorized Feature Sets

- | | |
|------------------------|--|
| BR – Bridge Mode Ready | <ul style="list-style-type: none">• Default order option for Models B and S.• Uses version 2.x or later firmware.• TransNEXT Mode (TransNET compatible operation).• Bridge Mode available• Additional Feature Set upgrades possible pending future development. |
| MB – Mirrored Bits | <ul style="list-style-type: none">• Order option for Model B.• Uses version 3.x or later firmware.• TransNEXT Mode (TransNET compatible operation).• Mirror Bits Mode available – MB8 protocol support• Additional Feature Set upgrades possible pending future development. |
| NN - None | <ul style="list-style-type: none">• Discontinued April 2025• Requires version 1.x firmware (currently 1.1.16).• TransNEXT Mode (TransNET compatible operation).• Feature Set upgrades will not be available. |

For Further Assistance

For questions or further product support, please contact the GE support team using:

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