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September 12, 2017

To: All customers using the HUM-868-PRO, HUM-868-PRO-CAS, HUM-868-PRO-UFL, EVM-868-PRO, and MDEV-868-PRO

Re: Product Change Notice—Feature Changes

Dear customer,

Linx Technologies is announcing a change in the operation of the HUM-868 family of modules. The list below outlines the changes to the modules.

- Implement a small power reduction in maximum output power on channels 62 - 69 that the HUM-868 family uses for transmission. This change was required in order to pass the new European regulatory standards, the Radio Equipment Directive (RED). The amount of power reduction varies per channel with a minimum reduction of 0.4dBm (channel 62) and a maximum reduction of 5.7dBm (channel 69). Since the HUM-868 module utilizes frequency hopping and the output power on channels 0 - 61 is unchanged, it is anticipated that most customers won't notice any difference, but there is a small chance that some customers may experience a slightly higher packet error rate when operating close to the maximum range.
- The Customer ID feature (CUSTID) is no longer supported. This is a legacy feature where a unique ID could be programmed into that customer's modules at the time of manufacture.

We are committed to working closely with our customers during the transition to address any questions or concerns. Please do not hesitate to contact us if you have any questions regarding this important matter.

Product Change Notice for HUM-868-PRO, HUM-868-PRO-CAS, HUM-868-PRO-UFL, EVM-868-PRO, and MDEV-868-PRO

PCN #: LPCN-170912-1

Publish Date: September 12, 2017

Type of Change

Function change

Products Affected

- HUM-868-PRO
- EVM-868-PRO
- HUM-868-PRO-CAS
- MDEV-868-PRO
- HUM-868-PRO-UFL

Description of Change

These changes are being implemented to become compliant with the new European regulatory standards, the Radio Equipment Directive (RED).

Reason for Change

Regulatory compliance.

Effect of Change

Form: No change

Fit: No change

Function:

- Implement a small power reduction in maximum output power on the highest eight channels that the HUM-868 family uses for transmission. The amount of power reduction varies per channel with a minimum reduction of 0.4dBm (channel 62) and a maximum reduction of 5.7dBm (channel 69). Since the HUM-868 module utilizes frequency hopping and the output power on the lower 62 channels is unchanged, it is anticipated that most customers won't notice any difference, but there is a small chance that some customers may experience a slightly higher packet error rate when operating close to the maximum range.
- The Customer ID feature (CUSTID) is no longer supported. This is a legacy feature where a unique ID could be programmed into that customer's modules at the time of manufacture.

Quality: No change

Anticipated First Ship Date

All modules shipped after 16 October 2017 will contain these changes. Can be identified as follows: the serial number is 0x0000D920 or greater, and the firmware version is 2.4.0 or greater.

Qualification Data

Qualification plan specifics are not for general release. Please contact Linx directly for additional information.

Last Time Buy Date

No formal last time buy date is established