

Federal Communications Commission

07/22/24

Description Of Changes for Permissive Change Request

FCC IDS: U4A-NTB600TSACC

To Whom It May Concern:

The Accentra NTB Models have been updated. On the main PCB that is on the secure side of the door, the HID Secure Element Processor U10 has been replaced with part number SEL551000000. This new processor has 3 times the memory and twice the key storage space. Additional existing and new protocols can now be supported. The Secure Element Processor enhances security with a device and technology-independent layer of additional security, on top of device specific security, acting as a digital data wrapper for additional key diversification, authentication, and encryption.

Additionally on the main PCB the BLE 2.4GHz antenna circuit inductor values L4 and L7 have been changed, voltage regulator U13 was added, footprint variant U12-1 was added, and voice IC U9 was replaced.

On the front PCB (unsecured side of door) the ST Microelectronics processor was replaced with a Renesas processor (designator U5)

All existing part numbers have changed by one digit. New variant part numbers have "NR" suffix for no module.

Old Number	New Number	Description	FCC ID
NTB622-ACC	NTB623-ACC	KEY OVERRIDE, CAP TOUCHSCREEN	U4A-NTB600TSACC
	NTB623-NR	KEY OVERRIDE, CAP TOUCHSCREEN, NO RADIO	U4A-NTB600TSACC
NTB642-ACC	NTB643-ACC	NO KEY OVERRIDE, CAP TS	U4A-NTB600TSACC
	NTB643-NR	NO KEY OVERRIDE, CAP TS, NO RADIO	U4A-NTB600TSACC

Sincerely,

David DeBiase
Senior Engineer