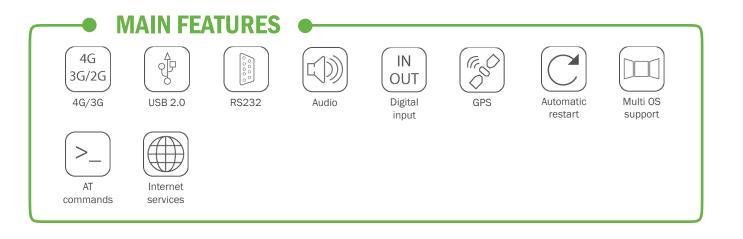# MTX-LTE-C3-Audio

LTE / HSPA+ industrial IoT modem with audio support

MTX-LTE-C3-Audio is a new industrial modem with 4G/3G/2G, designed for high speed data transmission rates and low latency applications. It supports voice applications thanks to its embedded audio codec. MTX-LTE-C3-Audio is a self-contained modem with its own SIM card reader and a USB 2.0 High Speed and RS232 interface, minimizing the need for further hardware. This modem is a powerful and flexible device that can be integrated in a wide range of telemetry applications that rely on the remote exchange of data or SMS via GSM cellular network.
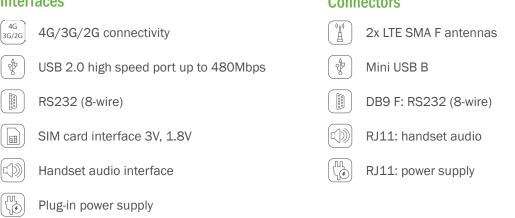
MAIN FEATURES

4G 3G/2G	USB 2.0	RS232	Audio	IN OUT	GPS	Automatic restart	Multi OS support
4G/3G	USB 2.0	RS232	Audio	Digital input	GPS	Automatic restart	Multi OS support

>_	Internet services
AT commands	Internet services

⚡ DC Input: 7 to 35 Vdc
🌡 Temperature range: -30º to +85ºC
⬚ Dimensions: 78.1x66.8x37.2mm
🔌 Weight: <190gr

CE FC PTCRB RoHS compliant ISO 9001

HARDWARE FEATURES

MTX-LTE-C3-AUDIO 4G

Penta band LTE (800, 900, 1800, 2100, 2600MHz); tri band UMTS (900, 1800, 2100MHz); dual band GSM/GPRS/EDGE (900, 1800MHz)

LTE cat.3: DL 100Mbps, UL 50Mbps

HSPA+: DL cat.24, UL cat.6; dual carrier DL 42Mbps, UL 5.76Mbps
UMTS: DL 384kbps, UL 384kbps
EDGE class 12: DL 237kbps, UL 237kbps
GPRS class 12: DL 85.6kbps, UL 85.6kbps

SMS text and PDU mode

VOICE:
AMR, EFR, FR HR codecs
CEPT/ANSI supervisory tones supported
Handset, Headset, Hands-free modes
Speakerphone operation
TTY supported

Interfaces

4G/3G/2G connectivity

USB 2.0 high speed port up to 480Mbps

RS232 (8-wire)

SIM card interface 3V, 1.8V

Handset audio interface

Plug-in power supply

GPS

Connectors

2x LTE SMA F antennas

Mini USB B

DB9 F: RS232 (8-wire)

RJ11: handset audio

RJ11: power supply

ORDERING INFORMATION

MTX-LTE-C3-Audio	**199801442**
MTX-LTE-C3-AG	**199801444**