

M114 CAT-1 BIS Quick Start

Cellular Modem



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WHAT'S IN THE BOX



Model shown: M114B00FS



ACCESSORY BUNDLE (MF18)		
ACCESSORY	PART NUMBER	DESCRIPTION
Power adapter	P24E0/P24E1/ P24E2/P24E3/ P24E4 *	12V 1.25A switching power adapter with 4 pin SWB connector
USB cord	KUCA1	USB Type-A to USB Type-C, 80cm long
Antenna	A31M0	Single LTE antenna, adhesive remote antenna with 3000MM RG174 cable, SMA male
DIN rail clip	BR350	Metal DIN rail clip

*You can select the power adapter model based on your region.

Global SIM card is pre-installed to register to Lantronix Connectivity Services.

The accessory bundle is sold separately.

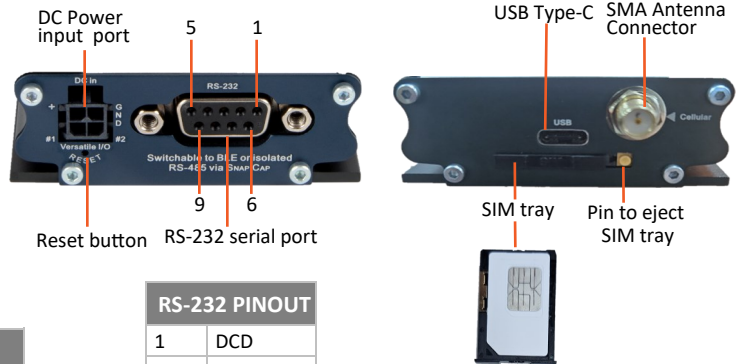
Visit <https://www.lantronix.com/products/m110>.

HARDWARE OVERVIEW

Front View



Side View



RS-232 PINOUT	
1	DCD
2	Rx
3	Tx
4	DTR
5	Ground
6	DSR
7	RTS
8	CTS
9	RI

LED BEHAVIOR

Cellular (Amber)	OFF	No cellular connection
	Solid	Cellular connection established
	Blinking	Cellular connection established
Power/Signal strength (Green)	OFF	No power
	Solid	Good signal, CSQ > 10
	Slow blinking	No signal, CSQ < 4 or =99
	Fast blinking	Marginal signal, CSQ 4-9

HARDWARE SETUP

1. Unbox the device and gather the required accessories.
2. Optional: Install the DIN rail clip to the base of the device.
3. Connect the USB Type-C cable to the device, and connect the other end to the USB port of a computer. Alternatively, connect a RS-232 DB9 serial cable to the RS-232 serial port. (RS-232 DB9 cable not provided.)
4. Attach the cellular SMA antenna to the SMA connector by rotating it in a clockwise direction.
5. Connect the 4-pin connector of the power adapter to the DC input port to power on the device.

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COMMUNICATING WITH THE MODEM

1. Open a terminal program (e.g. Tera Term) installed on your computer.
2. Configure the serial settings as shown below:
 - Baud rate: 115,200 mbps
 - Data bits: 8
 - Parity: None
 - Stop Bits: 1
 - Flow Control: Hardware
3. Enable Local echo for the terminal to view the commands that you type.
4. Execute the following command to enable cellular AT commands on the USB port:
`AT#USBATCOM=1`

For instructions to use AT commands to test communication with the device refer to *M110 Series User Guide* .

SUPPORT



Scan for product information

<https://www.lantronix.com/mylantronix/>

Technical Support: Visit www.lantronix.com/technical-support