

# GENESYS



## GUI ACCESSORY BOARD

GUI ACCESSORY BOARD for I/O BASE BOARD PRO

Product Code: GBU-XN-200

**GENESYS**  
ELECTRONICS DESIGN

**CALL US ON +61 2 9496 8900**

Unit 5, 33 Ryde Road  
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## GUI ACCESSORY BOARD

The Genesys GUI Accessory Board adds control and monitoring functionality to an I/O Base Board Pro (GBI-BG-200P), including all devices utilising the Genesys I/O Base Board Pro.

### MONITOR YOUR M2M SYSTEM

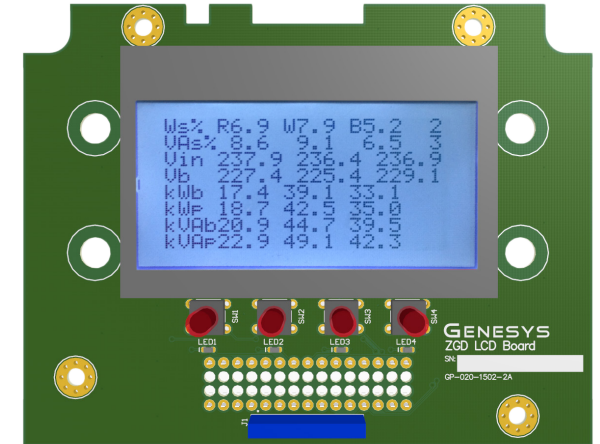
Featuring a vibrant 128x64 monochrome LCD screen, the GUI Accessory Board lets you quickly glance at parameters of your choice without needing to go through the hassle of logging into your browser or smartphone. It's also great for security - ensuring users without access to the M2M infrastructure can see the most important information.

### CREATE RICH GRAPHICAL MENUS

The GUI Accessory Board is designed to be versatile, featuring 4 push buttons and status LEDs, with a 4x4 keypad array option, making it easy for you to utilise context-sensitive menus and perform configuration data input. Basic control of various M2M functions can now be within reach of anyone.

### ERGONOMIC AND ENERGY SAVING

Featuring a soft blue backlight that is both easy on the eyes and easy to see in dark environments. The backlight and context-sensitive lights use LED technology, siphoning only a tiny amount of power yet providing maximum usability.



### CHARACTERISTICS OVERVIEW

#### DIMENSIONS

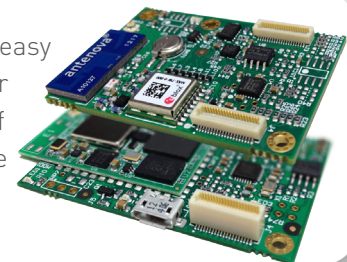
80mm x 103mm

#### FEATURES

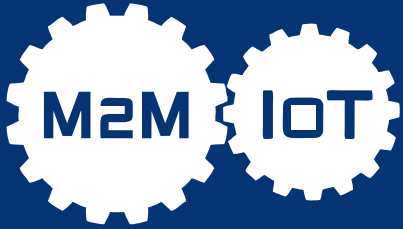
- Backlit 128x64 Monochrome LCD
- 4 User Pushbuttons
- 4 Context-Sensitive LEDs
- Optional 4x4 Keypad Array



Genesys Modular Stack is a technology allowing for the easy interconnection of expansion modules. Genesys Modular Stack compliant modules feature a characteristic pair of board-to-board feedthrough connectors, so that they are infinitely stackable with each module adding new functionality.



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## CHARACTERISTICS

### USER INTERFACE

- Backlit 128x64 Transflective Monochrome LCD
- 4 User Pushbuttons
- 4 Context-Sensitive LEDs
- Optional 4x4 Keypad Array

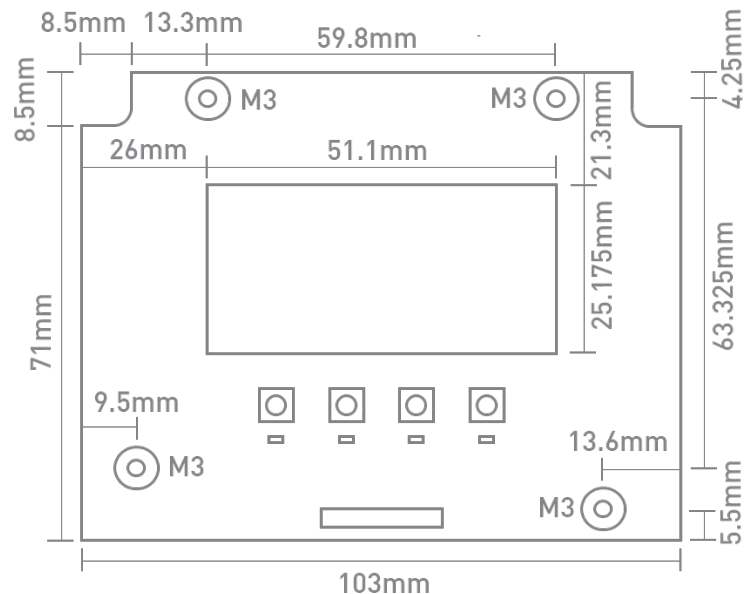
### I/O INTERFACES

- Accessory connector for connection to I/O Baseboard Pro (GBV-4401)\*
- 4x4 signal matrix keypad connector

### PHYSICAL

- Dimensions: 80 x 103 mm

### MOUNTING DIMENSION DRAWING



### ENVIRONMENTAL

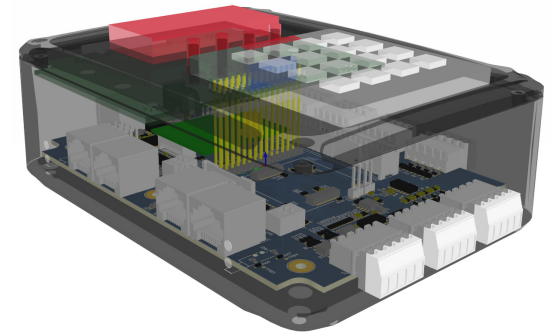
- Temperature (operating): -15°C to +55°C
- Temperature (survival): -55°C to +85°C
- Humidity (operating): 95% RH at 50°C

### POWER

- Genesys Modular Stack 3V3 Power Incremental Loads:
  - 20mA (All LEDs Active Only)
  - <1mA (LCD Display Active Only)
  - 36mA (LCD Backlight Active Only)
  - <1mA (Pushbuttons & Keypad Array Active Only)
  - <10uA (Static)

### APPLICATION EXAMPLE

(Inside 6LoWPAN Gateway/Router)



\*Note: this product does not directly plug on to the Genesys Modular Stack dual 40-pin connector.