

# GS1650TMk3 W&M Approved KeyTare Entry Indicator



The GS1650TMk3 forms part of the rapidly expanding GS family of non-redundant intelligent microprocessor to satisfy the needs of modern industrial weighing and batch controlling applications.

The GS1650TMk3 is a high performance microprocessor based digital weight indicator in a rugged all metal industrial package. It incorporates the common thread running through all of the range of GS Products – it is versatile, intelligent, and

expandable and can be used in conjunction with pre-existing GS Products.

## FEATURES

**Reliable** – The basic GS165TMk3 comprises a load cell amplifier and A/D Converter, a 2k block of RAM, an EEPROM and a front panel keyboard/display all under control of the microprocessor CPU, together with all of the power supplies and ancillaries required for reliable self contained operation.

**Options Available** – Two factory installed options models BR1 & BR2 are available. Option BR1 provides a battery backed RAM for power off Retention of the Tare weight, the zero tracked value and the rolling number print counter. Option BR2 provides a battery backed RAM and a high precision calendar and clock for time and date printout.

**Expansion Sockets** – In addition to the factory installed options, the GS1650TMk3 is equipped with two options expansion sockets into which may be fitted, in the field, a wide range of output & input options. One option socket accommodates an Options 01 board, which provides a proprietary fast serial output together with connections for remote push button inputs. The fast serial output allows economical connection to a variety of GS peripheral devices, which may be used for batch control and remote display applications. The other option socket accommodates a wide variety of boards providing Analog, BCD or Serial Output for printers, controllers or computers.

**Full range of Option Cards** – A range of options & accessories may be used with the GS1650tmK3, including –

- Option 01** - GS Peripheral Output.
- Option 02** - Serial Outputs RS-232C
- Option 03** – Parallel BCD
- Option 05** - Serial Outputs 20mA Current Loop
- Option 06** - Parallel BCD Output.
- Option 07** - Bi-Directional RS-232C & 20mA
- Option 08** - Bi-Directional RS-485 & RS-422A.
- Option 09** - Serial Outputs RS-422A.
- Option 202** Optically Isolated RS-232 Output
- Option 207** Dual Serial RS-232 & 20mA Current Loop

**Stainless Steel Enclosure** – For the ultimate in harsh environment protection, the GS1650TMk3 can be supplied in an optional stainless steel IP65 rated enclosure, the SE02.

**100% Tested** – EACH GS1650TMk3 is 100% tested including one day in our temperature chamber between  $-10^{\circ}\text{C}$  &  $+40^{\circ}\text{C}$  to assure you of its accuracy and thermal stability better than 7.5 parts per million/ $^{\circ}\text{C}$ .

*Since 1978 Gedge Systems has been Australia's Leading Manufacturer of High Accuracy Weighing Indicators and Batch Controllers.*

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