

RANGER 6700

“intelligent” Remote Display



- very compact size
- green LED display
- custom string input
- master/Slave option
- serial summing option

The Ranger 6700 is a latest generation remote display whose primary function is to receive serial data from a host indicator and show the weight reading on its own display. It complies with technical schedule S1/0 for trade use.

Serial weight data is readily accepted from all Ranger indicators and most other brands available on the local market. The 6700 can also be manually configured to recognise weight strings from un-supported indicators.

Optional master/slave software allows key-presses on the 6700 keypad to cause the indicator to perform the necessary function as if its own key was pressed.

The serial summing option displays the total weight reading from up to 10 connected Ranger 5000/5100 indicators and is ideal for multi-deck weighbridge applications.

The display uses six, 14.5mm green LED digits to display weight readings and is best suited for indoors use with a viewing distance of approximately 5 metres.

Optional accessory cards can be fitted to allow the 6700 to perform I/O functions such as set-points and analog outputs. The setpoint card has 4 inputs and 4 open collector outputs for performing basic high/low level control functions. The analog option can output 0..10V or 4..20mA signals at resolutions up to 65,000 counts..

Australian Made – Two Year Warranty

Serial 1 is a full duplex port using RS232 and RS-422/485 for receiving serial weight data or for networking functions. Serial 2 is also a full duplex port using RS232 and RS-422/485 for networking functions. Serial 3 is an “output only” port using RS-232 and RS-422/485 for transmitting continuous weight data or for printing purposes.

Baud rates on all ports are in steps from 300 to 19,200. There are in-built network termination resistors that can be enabled through software to provide a balanced line loading.

The 6700 has in-built ticket formatting abilities that allows it to print custom design tickets using a standard printer. It is also fitted with battery backed clock/calender/ram.

When connecting to a Ranger indicator, the 6700 will automatically detect all settings –the installer only needs to connect the data wires to the serial 1 port.

Brands supported include:

Ranger
Avery
Toledo
Gedge
A/D
Barlo
Phillips
Lodec

* in-built custom support for other brands

The 6700 is available in AC or DC versions and can be panel, desk or wall mounted using optional hardware. The total weight is only 1kg and the case dimensions in mm are 150W x 72H x 100D.

PERFORMANCE		
Display	6 digit green LEDs, 14.5mm high	
Operating Environment	Temperature -10 to +50°C, humidity < 90% non condensing	
DIGITAL		
Setup	Full digital with visual prompting in plain messages	
Memory retention	Full non volatile operation	
SERIAL COMMS		
Serial outputs	RS-232/RS-422/RS-485 on 3 ports	
Capabilities	Receive, automatic transmit, network, or printer drive	
Clock	Battery backed clock & calendar fitted	
DIMENSIONS		
Case size	150mm wide x 72mm high x 100mm deep	
Panel cutout	DIN 43 700 - 137(+1)mm wide x 68(+1)mm high	
Power	DC	12/24VDC 10VA
	AC	86 - 260VAC 48 - 62 Hz 8VA
OPTIONS		
Setpoint option card	4 x isolated 50volt, 500mA open collector transistor drives and 4 x isolated digital inputs (5V to 28V)	
Combination option card	0-10 volts and 4-20mA (65,000 counts) 2 x isolated 50volt, 500mA open collector transistor drives 1 x isolated digital input (5V to 28V)	
No. of option slots	One	
FEATURES		
	CE and C tick approved	
	Fully Y2K Compliant	