Weigh Pack Electrical

LED REMOTE DISPLAYS & ACCESSORIES - D800 & D700

D800 and D700 Series Remote Displays

Rinstrum remote displays are designed for harsh industrial and agricultural applications typical of the weighing industry. Feedback from service technicians and scale installers helped guide the design process which resulted in reliable and service friendly remote displays. Simple mounting brackets, extruded aluminum housings, innovative wiring connections and optical isolation (on the communications port) give Rinstrum remote displays excellent price/performance value.

The Benefits of our LED Remote Displays

3 Configuration

- Auto-select protocol
- Auto-baud configuration
- Auto- brightness control

4 Display

- Super bright OSRAM LEDs give excellent readability
- 120 ˚ viewing angle from all directions
- Alphanumeric digits with Red/Green traffic lights on most models

1 Service

- Waterproof field wire-able connectors
- Simple mounting brackets and weather hood
- Universal VESA mounting hole pattern

2 Design

- Sealed, powder-coated aluminum housing, IP65
- Robust 110-240 VAC power supply
- Independently tested against interference from RFI and EMI

D800 Series - Alpha Display

The D800 series offers alphanumeric characters and built in annunciators plus the convenience of Auto-baud and Auto-protocol communications. The D840 includes integral Red/Green traffic lights with software or hardware control. All versions include auto dimming for low light conditions.

D850

D840

D820

D700 Series - Numeric Display

For cost-sensitive applications use our D700 series display for maximum value. D700 offers numeric only digits, auto dimming for low light conditions and built-in traffic lights. The D700 series is compatible with Rinstrum communication protocols A and C.

with traffic light

D730

Technical Specification

	D850	D840	D820	D730
power supply	120 – 240 VAC			
power consumption	ca.35VA	ca.30VA	ca.25VA	ca.25VA
display	alphanumeric			numeric
character height	140 mm (5.6 inch)	100 mm (4 inch)	50 mm (2 inch)	75 mm (3 inch)
reading distance	70 m (210 ft)	50 m (150 ft)	25 m (75 ft)	35 m (100 ft)
pixel	P10 with 14x64 pixel	P7 with 14x64 pixel	P7 with 7x40 pixel	7 segment
reading angle	greater than 120° from all directions			
serial interface	RS 232 / RS 485, Auto-baud, Auto-protocol, galvanic isolation			
baud rate	1200 - 2400 - 4800 - 9600 - 19200			
operating temprature	20° C up to 60° C			
housing	aluminum IP 65 with powder coat			
dimensions	800 x 200 x 90mm (31.5 x 7.8 x 3.5)	760 x 150 x 90mm (30 x 5.8 x 3.5)	480 x 150 x 90mm (19 x 5.8 x 3.5)	480 x 150 x 90mm (19 x 5.8 x 3.5)
protection class	IP 65			
Optional Equipment				
power supply 24 V DC	Yes			no
Ethernet interface	Yes	Yes	Yes	no

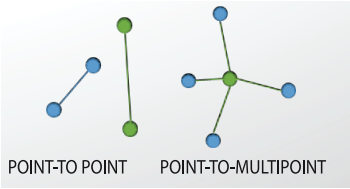
External Traffic Light

External traffic Lights for existing systems feature robust 110-240 VAC power, software or hardware light control, universal VESA mounting brackets and field wire-able connectors.

Technical specifications- basic version	
power supply	110 - 240 V AC
power consumption	ca. 25 VA
display	red / green
character height	60 mm (2.4 inch)
reading distance	30 m
traffic light control	potential free contacts or protocol
operating temperature	-20° C up to 60° C
housing	aluminium powder coated
dimensions	255 x 150 x 90 mm

Wireless RF Modules

900 MHz RF modules provide an easy cost effective cable replacement system. Up to 300 feet range with provided low gain antenna. Each module can be wired as a receiver or transmitter for point-to-point or point-to-multipoint systems.



Technical specifications- basic version	
power supply	5 - 24 V DC
power consumption	max. 1,5 VA
serial interface	RS 232
baud rate	9600 Baud 8-N-1
distance	150 m at direct line of sight.
transmission power	63mW (+18 dBm)
operating temperature	-20° C up to 60° C
housing	ABS
elclosure	IP 65

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