

TRANSEND

WIRELESS
LOAD CELL INTERFACE



RICE LAKE[®]
WEIGHING SYSTEMS

To be the best by every measure[®]

Efficient Communication. Easy Operation.

From the initial weightment on the scale to the final numeric value on the indicator, efficient communication is key to the success of the entire operation. Whether it's overhead, livestock, tank, or heavy capacity weighing, once your traditional conduit is damaged or needs to be replaced, communication is halted and so is your operation. TranSend™ not only solves issues resulting from traditional conduit, it also exceeds communication application expectations.

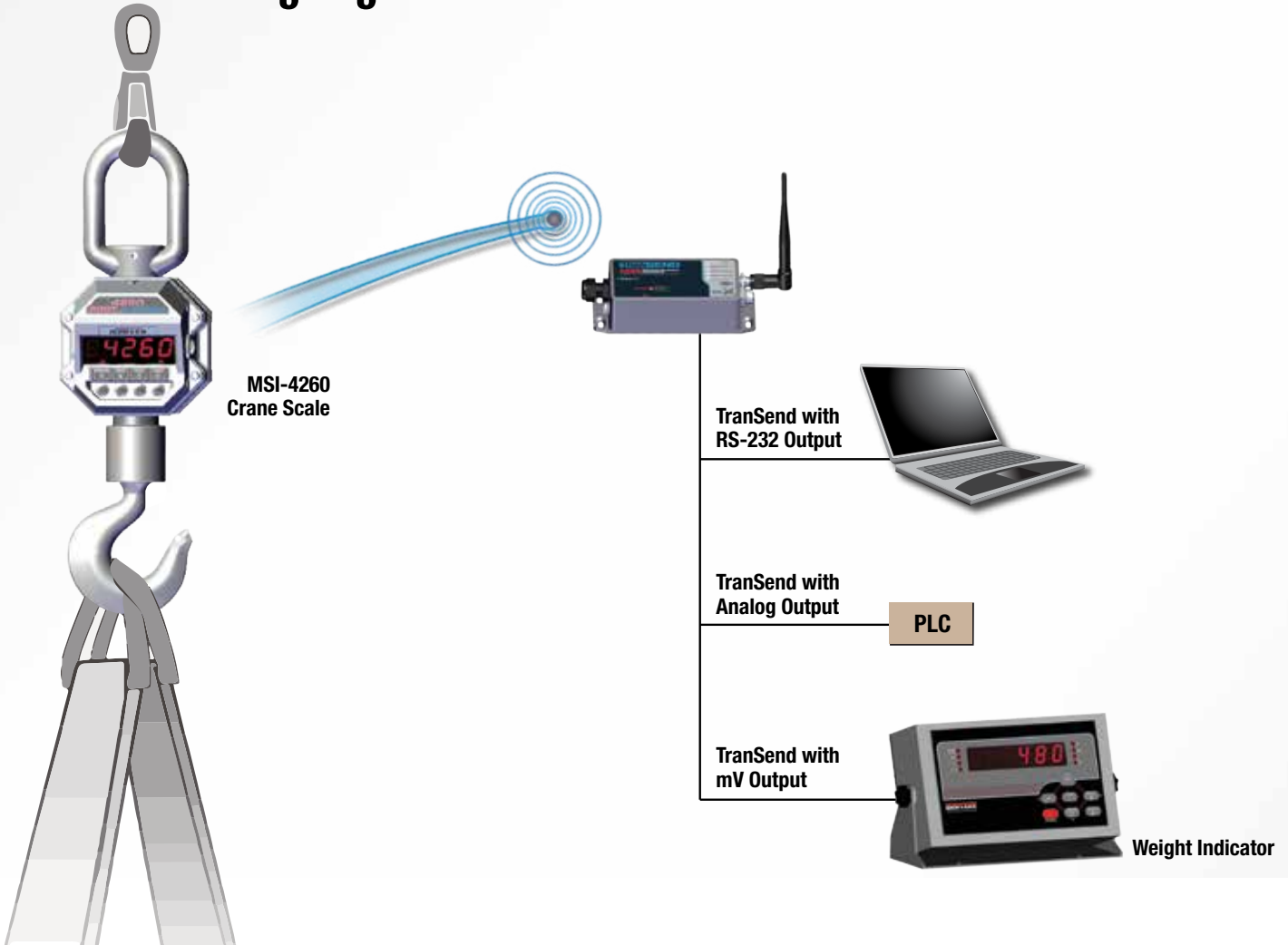
From the brand you know and trust for expert integrated solutions, MSI has designed TranSend to transform the signal of one or more load cells and transmits that data wirelessly to a receiving unit. TranSend is fully compatible with a broad range of receiving devices including MSI-8000, MSI-8000HD, any other digital weight indicator, PC, PLC, or other industrial device. Housed in a rugged IP-66 NEMA 4 enclosure,

TranSend is suitable for most indoor and outdoor environments with an operating distance of up to 300 feet.

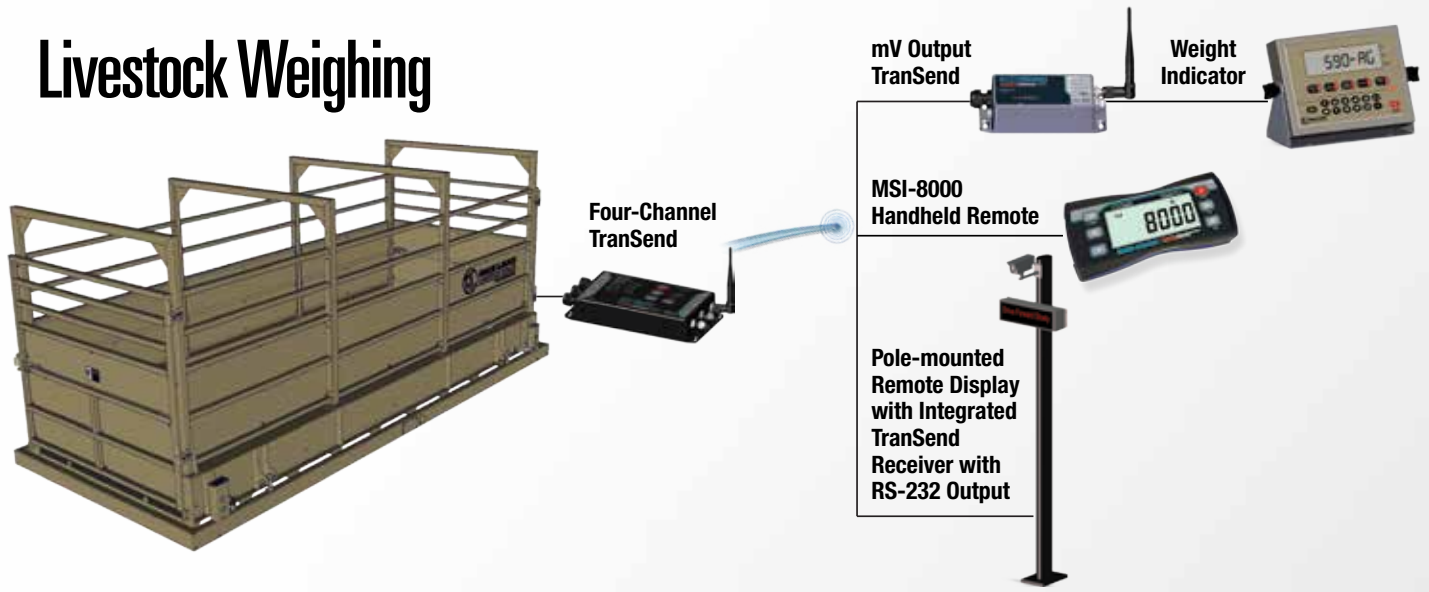
Select from the basic functionality of single-channel models, or upgrade to the expanded capabilities of multi-channel models. Multi-channel devices offer up to three optional relay contacts, audible alarm, and can function as a smart junction box. In the event of a load cell failure, TranSend can automatically compensate and transmit a service warning, and compensate for that load cell until it is repaired.

TranSend transforms the way your devices communicate between one another. Upgrade your current communication process by eliminating expensive conduit and replacing it with TranSend.

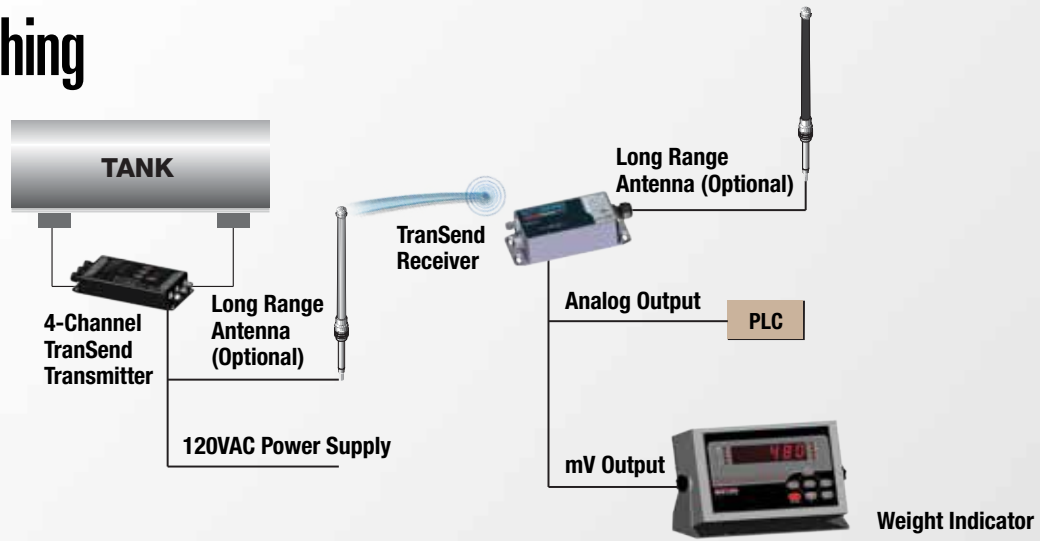
Overhead Weighing



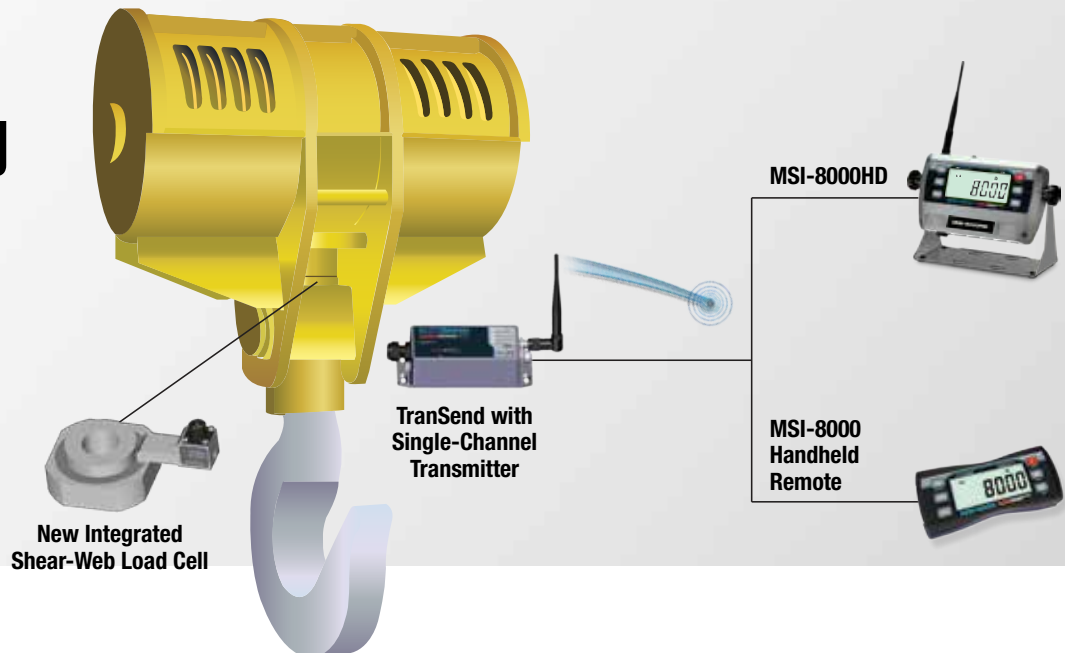
Livestock Weighing



Tank Weighing



In-Block Weighing



TRANSEND WIRELESS LOAD CELL INTERFACE

Specifications

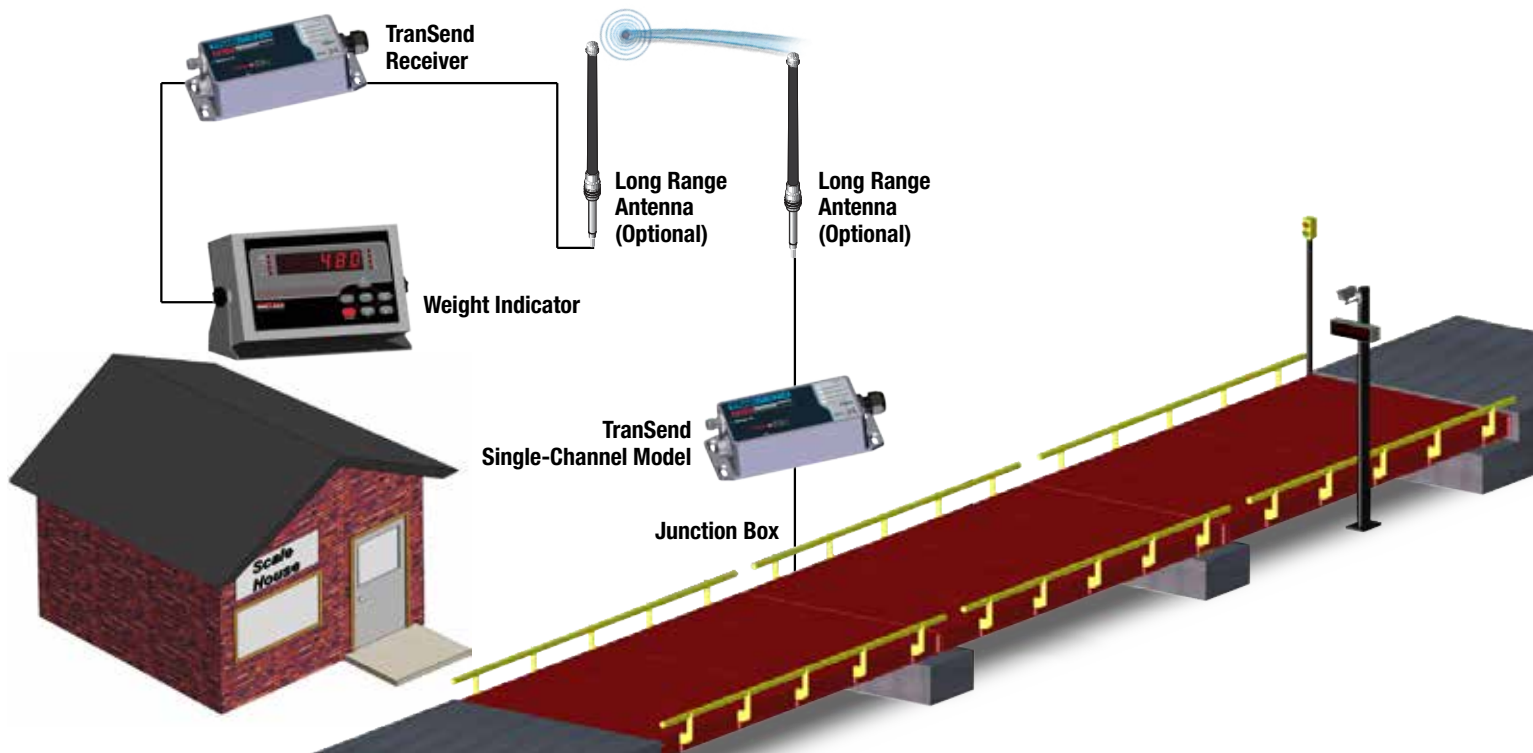
Accuracy:	±0.05% of applied load
Resolution:	Up to 10,000 d available
Enclosure:	NEMA 4, IP-66 (excludes universal AC wall cube model) aluminum, black powder coated
Functions:	4-Channel: POWER, ZERO, UP/DOWN keys (scrolls through channels) Single Channel: POWER
Displayable Units:	Pounds, kilograms, tons (US short), metric tons, kiloNewtons
LED Annunciators:	Power on LED 4-Channel: Four status LEDs for load cell zero/fault, 1 per channel, 3 setpoint status LEDs
Power Input:	90-264 VAC, 5-6VDC, 7-36VDC, 120-300VDC
Operating Temperature:	-40° F to 185° F (-40° C to 85° C)
Auto-Off Mode:	Select for 15, 30, 45, 60 minutes or off
Auto Sleep Mode:	Power down during non-use and power up with weight change or any key press
Service Counters:	Counts number of loads applied over 25% of capacity and loads applied over capacity
Event Counter:	Counts number of loads applied over a user defined threshold. Outputs to setpoints and a text string.
Scale Inputs:	<ul style="list-style-type: none"> • Four independent scale channels with digital summing • One scale input

Transmitter Excitation:	+4.8VDC, can drive (16) 350 Ω load cells or (32) 700 Ω load cells
mV/V Converter Excitation:	3VDC or ±1.4VDC minimum, 12VDC or ±6VDC maximum
Digital Filtering:	OFF, LO, Medium and HI selectable
Radio Link:	Direct sequence spread spectrum @ 2.4GHz, license free 802.15.4
Radio Link Effective Range:	Up to 300' typical
Standard Antenna:	½ wave 2dBi, articulated
RFI/EMI Shielding:	Exceeds NIST handbook 44 and CE standards
Data I/O:	RS-232
Connectors:	RS-232, 6-Pin M8

Options and Accessories

- Load cell/junction box cable 6.5' with molded M12 connector for IP-66 protection
- Field wireable load cell connector
- Coax power cable (required on 5-6VDC models)
- Long range antennas
- Universal AC wall cube (Not IP-66)
- Sealed lead acid battery
- Fast and slow SLA battery chargers
- Internal relays (SS or Form C) switching capabilities up to 5A @ 250VAC per relay
- RS-232 serial cable (DE-9 to M8)

Heavy Capacity Weighing



Your Rice Lake Weighing Systems distributor is:

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To be the best by every measure®



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