



**OVERHEAD CRANE SAFE LOAD INDICATOR (SLI)  
WITH WIRELESS LED SCOREBOARD**

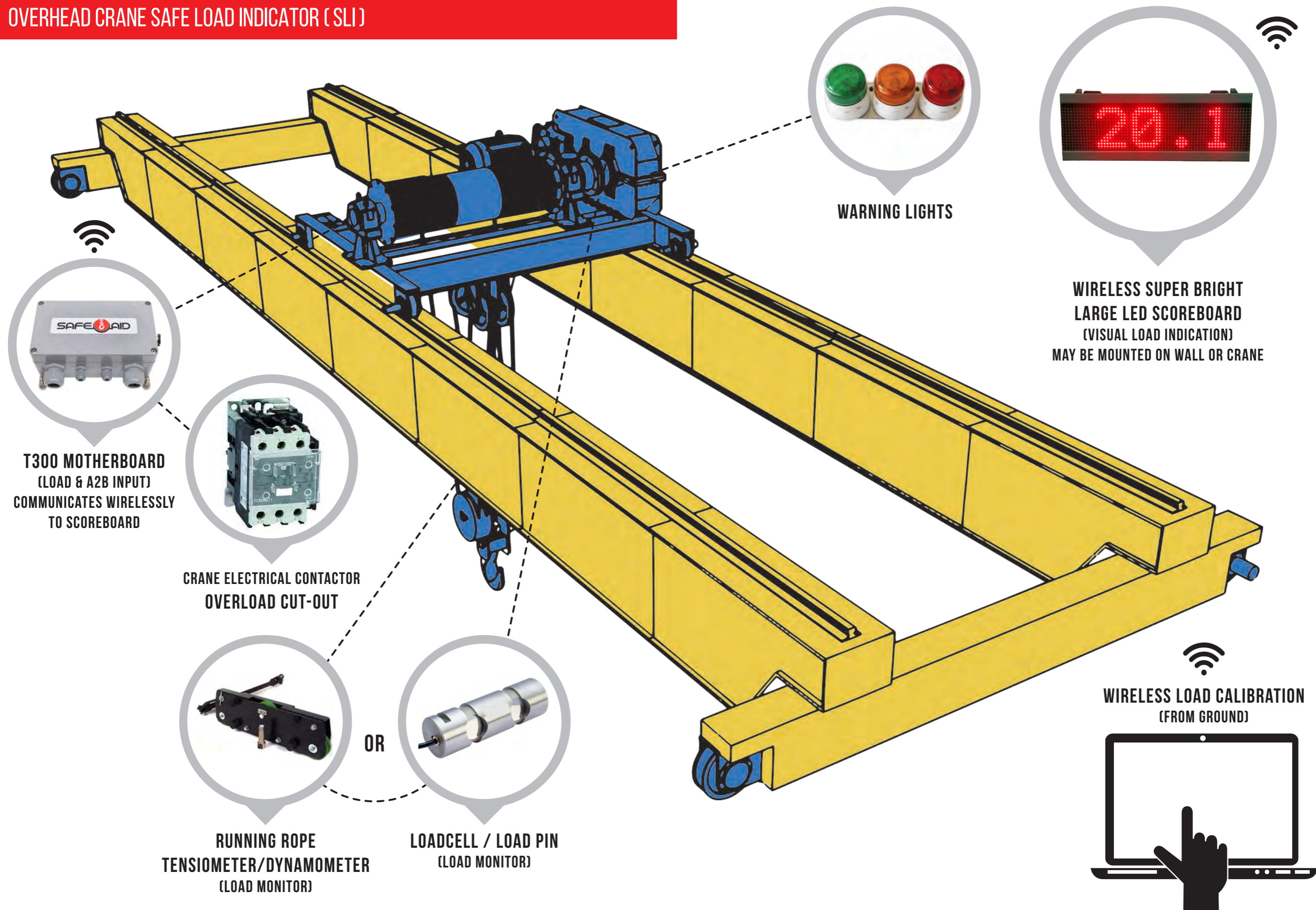
**GLOBAL LEADERS IN CRANE SAFETY & CONTROL SOLUTIONS**

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MANUFACTURING SAFETY SYSTEMS SINCE 1983

# OVERHEAD CRANE SAFE LOAD INDICATOR (SLI)



**T300 MOTHERBOARD**  
(LOAD & A2B INPUT)  
COMMUNICATES WIRELESSLY  
TO SCOREBOARD

**CRANE ELECTRICAL CONTACTOR  
OVERLOAD CUT-OUT**

**RUNNING ROPE  
TENSIOMETER/DYNAMOMETER  
(LOAD MONITOR)**

OR

**LOADCELL / LOAD PIN  
(LOAD MONITOR)**

**WARNING LIGHTS**

**WIRELESS SUPER BRIGHT  
LARGE LED SCOREBOARD  
(VISUAL LOAD INDICATION)  
MAY BE MOUNTED ON WALL OR CRANE**

**WIRELESS LOAD CALIBRATION  
(FROM GROUND)**

# GREAT VISIBILITY / EXCELLENT QUALITY / ENHANCED SAFETY SYSTEM

## SYSTEM FEATURES

- Rugged outdoor design for harsh environments.
- Large super bright display for excellent readability.
- All boxes built with suitable water and dust protection.
- Overdesigned load cells to help prevent damage when shock loaded.
- All components separate for easy installation and maintenance.
- Easy calibration with 2.4GHZ Module on PC.
- 3 Tier LED robot light for visual warning (Optional)
- Wireless calibration from the ground - no need to access system on crab to calibrate
- LED Scoreboard may be mounted anywhere in the vicinity of the crane (wireless)

## TECHNICAL SPECIFICATIONS

### T300 MOTHER BOARD

- Double Multi-layered circuit board – 2 layers
- 220VAC Input Voltage
- 2 x Optically Isolated Digital Inputs
- 2 x Load Cell Inputs
- 1 x Potential Free Output
- 3 x Normally Open 12VDC Outputs
- IP65 Glass Fibre reinforced polyester Enclosure.
- RS485 Communication
- CAN Bus Communication
- 2.4GGHZ Communication
- USB-A Interface
- Outside Dimensions 260 x 160 x 100mm  
(L x W x H) excluding gland entries
- Calibration via 2.4GHZ Module

### OUTDOOR LED DISPLAY UNIT

- 5 x 160mm Digits
- IP54 Protected Enclosure
- Powder-coated
- RS485 Interface
- 230 VAC Supply
- Outside Dimensions 650 x 230 x 125mm  
(L x W x H) excluding mounting bracket
- Wireless with CIB Unit (Optional)

### COMMUNICATION INTERFACE BOARD (CIB)

- 2.4GHZ Communication
- RS485 Communication
- CAN Bus Communication
- IP64 Environmental Protection
- Outside Dimensions 160 x 75 x 60mm  
(L x W x H) excluding mounting bracket

### TENSION LOADCELL, LOAD PIN OR TENSIO METER / DYNAMOMETER

- Measuring range – As per crane specification
- Excitation - 2mV per volt
- Load cell connection via military specification plug.
- Lock plate to prevent load cell turning.
- IP64 Environmental Protection

### ROBOT LIGHT

- 3 Tier LED Light (Red, Amber & Green)
- 10-30VDC Operating Voltage

