

EGON BLUETM

CUTTING EDGE



GANTRY CRANE MONITORING SYSTEMS

HMI SOLUTIONS FOR ALL TYPES OF GANTRY CRANES

FEATURES



Human Machine Interfaces (HMI) customized as Automatic Safety Data Information Systems



Customized for Crane Safety & Productivity



Crane Graphics for Easy Data Interpretation



Monitors safety on all hooks including Main Hook and Auxiliary Hooks.



Indicates all Safety parameters: Load, Safe Load, Radius, Length, Angle, Falls etc.



Percentage Bar Graph for Factor of Safety



Wind Safety via Indication of Wind Velocity to Prevent Operation in unsafe conditions



LED Display Panel for Real Time Operation Management by Ground Personnel.



Configurable Audio-Visual alarms and hydraulic / pneumatic / electric solenoid control and cutoff interfaces



Remote upgrade & data-logging enabled through 3G data interface (Optional)



Android App connectivity for crane supervision & customer support (Optional)



Highly Accurate & Reliable



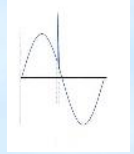
On Screen Diagnostics and Self Tests



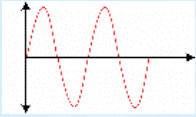
Wireless connectivity between cranes for real-time safety (Optional)



Remote Monitoring through Cloud Connectivity (Optional)



Power Supply Adaptability and Protection Against Voltage Spikes



110V/220V Power Supply Adaptability



IP65

IP 65 Certified Protection Against Ingression by Dust and Water



Easy Calibration & Fast Installation – Pre-fabricated brackets, no welding required



Minimal Maintenance Required, Prompt Support Services by Qualified Personnel.



Pan-India Warranty & Support



CE Certified



Regional Language Support (Optional)

TECHNICAL SPECIFICATIONS

Processor	High Speed Computing DSP
Display	7 Inch Color TFT Display with Rich Graphics
Indications	Load, Safe Load, Length, Angle, Radius, Duty, Falls, Alarms & Errors.
Memory	1,000 Load – Radius Curves, Calibration Tables, 6 Months of Crane Logs
Sensor Interfaces	Pressure Transducers (Dual OCV capable) Load Cells Inclinometers Cable Drum based Length Sensors Solenoids and Limit Switches
Alarms & Cutoff	Approach, Overload, Rope Limit, Over Hoist & Motion Cut Buzzer based Audio Alarm 12 V / 24 V Hydraulic Cutoff Solenoid Control
User Interface	High Performance Switch Panels with Configurable Buttons
Override	Dual switches for manual override
Power Supply	9 - 30 V DC with Reverse Polarity Protection Surge Protection
Ingress Protection	High Quality Sealed Housings with IP 65 Protection
Operating Temp	0 to +60 Deg. Celsius
Storage Temp	-20 to +80 Deg Celsius

ABOUT US

Egon Blue is a young, dynamic and enterprising organization with a vision to provide cutting edge solutions that have the highest quality, maximum customer satisfaction and the lowest cost of ownership. The core team comprises of experienced professionals in the areas of Electro-mechanical Instrumentation Engineering, Operations Management and possesses over 5 decades of industry experience in the material handling instrumentation sector.

ISO 9001:2015 certified, with expertise in designing intelligent embedded, mobile and software applications, we closely work with our customers throughout the entire product lifecycle right from design conceptualization to field installation support and deliver the highest standards of quality and innovation.

Our USP lies in design, development, prototyping and manufacturing of engineering products delivering customized solutions at minimal cost to the customer ensuring accelerated development and reduced time to market.

PRODUCTS & SERVICES

HMI Displays for All Types of Material Handling & Earthmoving Equipment

Safety & Productivity Systems

Sensors & Instrumentation Interfaces

Custom Product Design & Development

Electronic & Electro-mechanical System Design & Manufacturing

User Interfaces, Instrument Clusters & Custom Dashboards

Android App Development and Integration

Electronic PCB Design, Development Support & Assembly Services

Installation, Commissioning & Warranty Support

System Up-gradation & Warranty Renewal

Spare Parts for SLIs manufactured by all Indian & Overseas Manufacturers

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