

EZS128 HMI/PLC System Controller

INDUSTRY-LEADING HAZMON SYSTEM CONTROLLER

The EZSentinel 128 provides display, alarming and control for a system of up to 15 conveyors, bucket elevators, drag conveyors, trippers and other machinery found in a grain, feed, or milling facility. The system consists of a field sensing network of up to 128 sensors from shaft speed, temperature, vibration, plugged chute, and slack chain. These sensors are typically installed on rotating shafts, bearings, belt rub locations, machine enclosures, or extractor fans/blowers.

A comprehensive security system is provided. The security system restricts access to the setup and configuration portions of the controller. In addition the security system logs access to critical system events such as alarm silence, alarm test and alarm bypass. Alarms are typically set to indicate over or under shaft speed, sharp variations in temperature, and inclement vibration conditions. Two levels of alarms are typically set, one to warn the operator and a second to stop the machine.

The EZSentinel 128 is a key component in bringing increased safety and efficiency to any grain, feed, or milling facility. It is straightforward to install and setup as well as providing an intuitive display and touchscreen interface for plant operators. No HMI or PLC programming is required to setup or operate this powerful controller. Troubleshooting and sensor replacement can easily be done without any special training or equipment.

Alarms and other system events are logged to the controller's SD card and maintained in separate files for each day. These logs can be viewed remotely through a web browser via an Ethernet network, if available.

FEATURES & BENEFITS

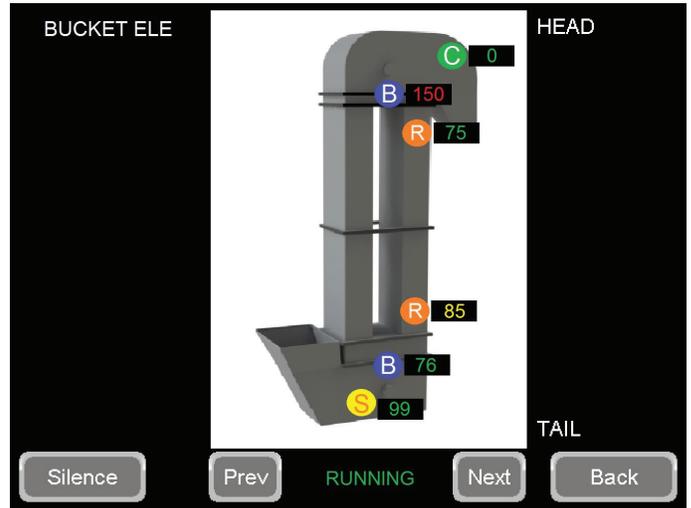
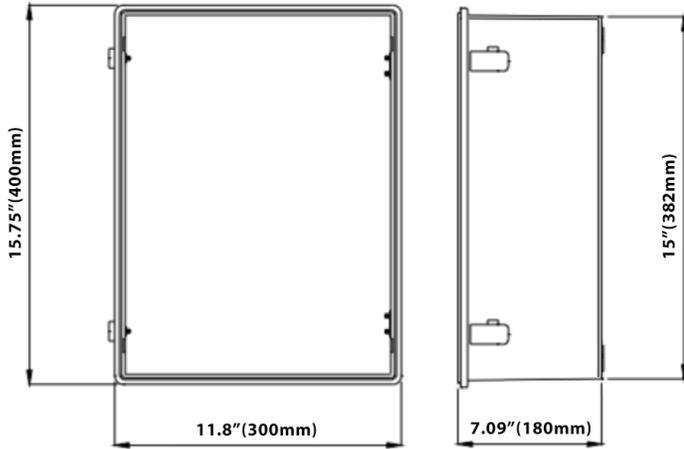
- Fast and Accurate - Alarm Status and Location
- Direct Machinery Control - Up to 15 Machines
- User-Friendly - Graphical Touch-Screen Interface
- Smart - Sensor and Alarm Data Logged to SD Memory
- Economical - Ideal for Small to Medium Size Locations
- Robust - Avoid Costly Nuisance Trips and Shutdowns
- Efficient - Reduce Downtime and Increase Productivity
- Field-Proven - Rugged and Reliable Technology



EZS128

HMI/PLC SYSTEM CONTROLLER

EZS128 ENCLOSURE DIMENSIONS



INTUITIVE TOUCH-SCREEN
OPERATOR INTERFACE
PROVIDES FAST, ACCURATE
MACHINE AND/OR ALARM LOCATION
AND STATUS.

Specifications	Description	Characteristic
Power Supply	Voltage	100 - 240 VAC
	Current	0.8A peak
Ethernet	10 Base T	RJ-45 jack
Bus Converter Communication	Standard	RS485 differential
	Distance	500m (1640ft)
	Termination	120 Ω balanced line
Environment	Temperature	32°F to 140°F (0°C to 60°C)
	Relative Humidity	0 to 70% non condensing
Dimensions	Depth	7.09" (180mm)
	Width	11.8" (300mm)
	Height	15.75" (400mm)

EZS128 DS A01