MADE IN AMERICA

Most Innovative Solutions at Great Prices

EZ Production Monitor

With Wifi and Data Logging

"When you set a goal and monitor performance, you'll excel and gain "

Complete Specs 📄

Product Videos 🎥

Starter Kits 🗃

All purpose Registration: Free downloads, additional discounts, + more 👆

GOAL/HR 60
ACTL/HR 54

1 Line 10 Ch Red for $549

2 Line 10 Ch Red for $699

2 Line 10 Ch Tricolor for $799

2 Line 10 Ch Tricolor with Real Time Clock and Data Logging for $899

It is well known that if you want to improve any process/activity/performance, you need to measure it, set a goal and monitor it.

EZPM is particularly suited for Lean Manufacturing cells. It can be used to design the lean cell, step by step and measure the improvement by each step, ultimately resulting productivity improvement of sometimes as much as 10X

Pays for Itself in <1 Month with Increase in Productivity!

24/7 Tech/Application Support

Call or text Application Hotline at 563-726-1359 or Email EZPM@EZAutomation.net

Same day FREE SHIPPING if Ordered by 6 p.m. CST

SIMPLEST USER INTERFACE

Enter 5 parameters:
 1. **Part Number**
 2. **Shift Hours**
 3. **Goal per Hour**
 4. **Productivity Limit %**
 5. **Quality Limit %**
The EZPM Does the Rest! Manager and Employees know in realtime how they are doing!!
Displays on Marquee visible to 100 feet and also on computer/laptop 50 feet away

Configuration

Description	
Wiring	
Configuration	

Connection
- ● WiFi
  - SSID

Part Number: GH1100
Part Description: gear asbly

Goal/Hour: 60
Shift Hours: 7.5
Alarm Limit in %: 92
Qlty Limit in %: 98
Log Data: ☐

Production Monitor

Actual/Hour	54
Target till now	450
Actual till now	402
Productivity %	89.3
Good Parts	398
Quality %	99.0
Shift hours as of now	7:30 Hrs
Last production run time	16:30:00

Line 1 Message: GOAL/HR 60
Line 2 Message: ACTL/HR 54

```
GOAL/HR 60        GOAL    450        T450  A402
ACTL/HR 54        ACTL    402        Gear  Asbly

BAD    3          SHFT 7.5Hr         TIME
GOOD  99.0%       GOAL   450         08:38 AM
```

HERE'S WHAT YOU GET:

- **Production Monitor of the size you order. All have built in wifi.**
- **Free Programming Software.**
- **Optically Isolated Inputs for Production and Quality Counts (Relay Contact Closure or DC Input)**
- **5 Amp Relay Outputs with Snubber Networks for Alarm Conditions**
- **2 Lines of 10 2" Tri-color Characters in each line with built in realtime clock and data logging:**

$899

SUGGESTED CALL TO ACTIONS

ORDER STARTER KIT
Tri-color with built in Wifi, Real Time Clock & Data Logging; and a 30mm triple sense proximity switch that can sense metal 1" away. Discounted to $899

DOWNLOAD EZPM FEATURES & SPECIFICATIONS (PDF)

ORDER *FREE* KTD (KNOWLEDGE TREASURE DRIVE)

With 360°Views, Selection Guides, FREE Demo Softwares, Video Tutorials, Real-life Programs.You Can Use Part Number Links that Connect you Directly to Web Store to make your purchase.
If you're a New Customer or you've a New Application, our Application Engineers need a little more information. *It'll take you 3 mins or less to fill out the form.* U.S. and Candian Customers only.

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EZ *Production Monitor* ™

with Wifi and Data Logging

"When you set a goal and monitor performance, you'll excel and gain "

new

GOAL/HR 60
ACTL/HR 54

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EZProduction Monitor with Wifi and Data Logging

Pays for Itself in <1 Month with Increase in Productivity!

List of Great Features

1. Most accurate Productivity and Quality Monitor.
2. Pre-coded Firmware: Employs a powerful PLC and a Marquee but requires no Programming, all firmware/software is built-in and pre-coded.
3. Designed for use by non-technical personnel. Extremely simple User Interface.
4. 2 Line 10 character tricolor LED message display readable to 100 ft.
5. Red, Yellow and Green LEDs allow messages to be color coded
6. Very simple wiring. Universal Power input, 15 wire cable.
7. Up to six inputs and two outputs. Dry contacts or proximity sensors.
8. Communicates to a Lap top over WiFi up to 50 ft. away.
9. Patent pending smart logic to minimize tampering with the monitor and provide the most accurate information on plant productivity and quality.
10. Real Time Clock and Data Logging for deeper analysis of production operations

Innovative Unique Features

- Most accurate Productivity and Quality Monitor.
- Great tool to design Lean cells.
- New invention, there is nothing like this Production Monitor on the market.
- Pre-coded Firmware: Employs a powerful PLC and a Marquee but requires no Programming, all firmware/software is built-in and pre-coded.
- Designed for use by non-technical personnel. Extremely simple User Interface.
- 2 Line 10 character tricolor LED message display readable to 100 ft.
- Red, Yellow and Green LEDs allow messages to be color coded.
- Very simple wiring. Universal Power input, 15 wire cable.

- Up to six inputs and two outputs. Dry contacts or proximity sensors.
- Communicates to a Lap top over WiFi up to 50 ft. away.
- Patent pending smart logic to minimize tampering with the monitor and provide the most accurate information on plant productivity and quality.
- Available in four models.
- Real Time Clock and Data Logging for deeper analysis of production operations

EZProduction Monitor Features & Benefits

New invention, there is nothing like this
Productivity and Quality Monitor on the market. EZAutomation is the biggest supplier of LED message displays/Marquees in the market along with its PLC offerings. Many of its customers use these two products in conjunction with each other to build a production monitor. You need an Automation Control Engineer to do the system design and programming, particularly of the PLC. Hundreds of its customers report dramatic improvement in their plant productivity using the EZMarquee and EZPLC or their own preferred PLC. One particular plant in Ohio reported its output to double when this approach was adopted.

EZ Production Monitor has been designed to eliminate the need of any programming. Any non-technical person, a Production supervisor, Production Manager, a Facilities Manager or the Owner of the business can install and use this EZPM with extreme ease. All you have to do is to enter five parameters in a very simple user interface and the EZPM does the rest. It displays actual production vs. goals.

Great tool to deisgn Lean cells
EZPM is particularly suited for Lean Manufacturing cells. It can be used to design the lean cell, step by step and measure the improvement by each step, ultimately resulting productivity improvement of sometimes as much as 10X

Pre-coded Firmware: Employs a powerful PLC and a Marquee but requires no Programming, all firmware/software is built-in and pre-coded.
The EZPM comes pre-programmed with hard-coded logic eliminating the need for any PLC or Marquee programming. No knowledge of PLCs or programming is needed. Normally a Facilities Manager without knowledge of Automation controls can handle it. EZPM comes with a manual with simple wiring instructions.

Designed for use by non-technical personnel. Extremely simple User Interface.
Its User Interface is very simple. All you have to enter on your laptop is: a) Part number b) Shift Hours c) Goal per hour d) Minimum productivity goal e)

Minimum Quality Goal and the EZPM does the rest. The Computer connecting to the EZPM also displays how the production line is running, that is the actuals vs. goals. Messages seen on the EZPM can also be shown on the Laptop.

2 Line 10 character tricolor LED message display readable to 100 ft.
The EZPM comes in four models. a) 1 Line 10 Ch Red for $549, b) 2 Line 10 Ch Red for $699, c) 2 Line 10 Ch. Tricolor for $799, d) 2 Line 10 C. Tricolor with Real Time Clock and Data Logging for $899. 2 Inch characters are readable to 100 ft. away. The 1 Line models have a scrolling display to show all the production parameters whereas the 2 Line models have enough characters to show the parameters in stationary messages.

Red, Yellow and Green LEDs allow messages to be color coded.
Messages when the production line is meeting its pre-set goals, are shown in Green. They automatically turn yellow when the Actual parameter is below the set goal. Thus, management can see it from a distance how the line is running and take corrective actions.

Very simple wiring. Universal Power input, 15 wire cable.
The EZPM has 15 plug-in connection terminals. Not all may be used. For a very basic set up you may need only 9 wires. Different cables are available from EZAutomation.

Up to six inputs and two outputs. Dry contacts or proximity sensors.
The EZPM has six inputs for Production Count, Quality/Reject count, Reset at beginning of Shift, Pause/Restart for breaks or extended downtime, Data Log command and Count Alert Reset. These could be contact closures or solid state inputs. All inputs have a contact de-bounce circuit to eliminate false count. Two 5 Amp NO contacts are provided if you want to set up some audible alerts or any other action.

Communicates to a Lap top over WiFi up to 50 ft. away.
The EZPM will typically be mounted 10-20 ft. away from the operators on the line. For set-up and data

monitoring on a computer, EZPM has a built-in Wifi that can be read from 50 ft. away eliminating the need to have a cable run for RS232 connection, but if a longer distance is needed to connect to a computer, three terminals are available to do this wiring. In such case an 18 wiring cable will be needed.

Patent pending smart logic to minimize tampering with the monitor and provide the most accurate information on plant productivity and quality.

The EZPM has unique patent pending logic to defeat any attempts to mislead the Production Monitor and display and/or record false data. It is not guaranteed to eliminate all miscounts but there is significant protection added to increase accuracy. You enter your own timing parameters during initial set up of the EZPM for a particular production line.

Real Time Clock and Data Logging for deeper analysis of production operations

The Most advanced model with Data Logging, has a Real Time Clock and a data logging feature. Production Supervisor/Manager should press the Data Log button as an input to the EZPM and it will record production and quality data for the day and append it its history file. History file can save data for over a year.
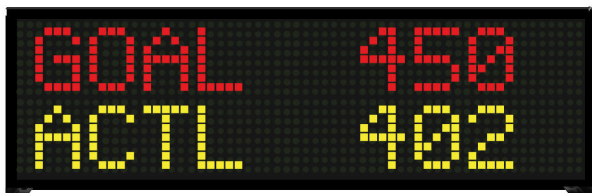
EZ Production Monitor Selection Guide and Specs

EZPMR-1L10C

EZPMR-2L10C

EZPMT-2L10C

EZPMT-2L10C-DL

EZ Production Monitor Model Specifications				
Part Number	**EZPMR-1L10C** $549.00	**EZPMR-2L10C** $699.00	**EZPMT-2L10C** $799.00	**EZPMT-2L10C-DL** $899.00
Display Type	RED LED	RED LED	TRI-Color LED	TRI-Color LED
LED Specification	1 Line of 10 Char (2")	2 Lines of 10 Char (2")		
Max. Viewable Distance	100 Feet with 2" Characters			
Production Monitor Inputs	6 Inputs, contact closure or DC input. Input current 5mA max. Input impedence 5.6K, On voltage >10V DC, Off voltage <2V DC, min. On current 1.5 mA, min. Off current 0.2mA, contact de-bounce min. 10 ms. LED indicator for each input, all inputs optically isolated.			
Production Monitor Outputs	2 5A Relay outputs, 1 Form A (SPST), NO contact. Rated @180V DC or 240V AC. max. leakage current 0.5mA@130V AC at 60Hz, max. switching current 3A di-electric strength. 400V between contacts. Response time: <5ms. LED status indicator			
Real Time Clock, Battery & Data Logging	Not Available			Replaceable Half AA Battery with min. 5 year life, 1 year Data logging
Power Consumption	12 watts	20 watts		
Agency Approvals	UL, CUL, CE, pending			
Enclosure	NEMA 12			
Operating Temperature	0° to 60° C Ambient			
Storage Temperature	-40° to 95° C Ambient			
Humidity	10% to 95% RH, Non-Condensing			
Input Power	110/220 VAC, 47-63Hz			
Electrical Interference	NEMA ICS 2-230 Showering Arc Test			
Electrical Tolerance	ANSI C37.90a-1974 (SWC) Surge With-Stand Capability Test			
Vibration	5 - 55 Hz 2G for 2 hours in the X, Y, and Z axis			
Shock	10G for under 12ms in the X, Y, and Z axis			
Serial Communications	Built-in Wifi accessible to 50 ft. as well as 3 terminals for RS232			
External Dimensions	18.9" x 4.8" x 2.8" (479.25 x 121.43 x 69.85mm)	18.9" x 6.2" x 2.8" (479.25 x 156.13 x 69.85mm)		
Weight	4 lbs	6 lbs		

EZ Production Monitor 1 Line or 2 line 10 Ch.

1 Line or 2 Line 10 Characters - NEMA 12

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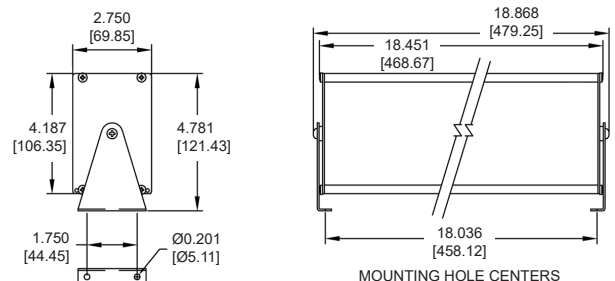

Model Number	Interface	Price	Del.
EZPMR-1L10C	Wifi or RS232	$549	STK

Model Number	Interface	Price	Del.
EZPMR-2L10C	Wifi or RS232	$699	STK
EZPMT-2L10C	Wifi or RS232	$799	STK
EZPMT-2L10C-DL	Wifi or RS232 w/30mm prox	$899	STK

1 Line 10 Characters Dimensions

2.750 [69.85]
4.187 [106.35]
4.781 [121.43]
1.750 [44.45]
Ø0.201 [Ø5.11]
18.868 [479.25]
18.451 [468.67]
18.036 [458.12]
MOUNTING HOLE CENTERS

2 Lines 10 Characters Dimensions

2.750 [69.85]
5.670 [144.02]
6.147 [156.13]
1.750 [44.45]
Ø0.201 [Ø5.11]
18.868 [479.25]
18.451 [468.67]
18.036 [458.12]
MOUNTING HOLE CENTERS