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India's Leading Industrial Display Manufacturer



PRODUCTS

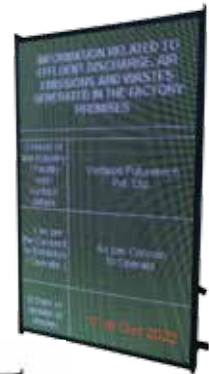
MPCB & CPCB Displays | AAQMS & AQI Displays | Parameter Displays | Safety Statistics Displays | Jumbo LED Displays
ANDON Displays & ANDON Systems | GPS & NTP Synchronized Clocks | IoT Ready Displays | Industry 4.0 & IIoT

Verticals We Serve

Manufacturing | Steel & Power | Process Industries
Automobiles | Pharma | IT | Cement | Paper Industries

MPCB / CPCB LED displays (Environment Pollution Parameter Consent Display)

- Designed & manufactured as per standards given by CPCB / SPCB / MPCB
- Useful to display Effluent discharge, Air emission, Hazardous waste parameters etc.
- Software Interface Connectivity to MPCB / CPCB portal (Using APIs)
- Can capture data online from analysers of various makes
- Compatible to Display alphanumeric characters, images and videos
- Multi Lingual – Can display any / all languages
- Multi Colour- Text Colour is settable and can be changed using PC software
- Easy to connect with computer for data updating (Data can be fetched from Excel File on computer)
- Clearly visible in Day and Night Condition
- Rugged and weather proof cabinet design suitable for outdoor environment



Ambient Air Quality Monitoring (AAQMS / AQI) LED Display

- Suitable for continuous online monitoring of Air Parameters
- Compatible with various makes of Gas analysers to collect data
- Various connectivity options such as Ethernet, RS485, RS232, GPRS etc.
- Data can be fetched from various inputs such as analysers, cloud servers, computers in local network etc.
- Compatible to display alphanumeric characters, images and videos
- Multi Lingual – Can display any / all languages
- Single Colour and Multi Colour options
- In Multi Colour - Text Colour is settable and can be changed using PC software
- Clearly visible in Day and Night Condition
- IP65 weather proof cabinet design suitable for outdoor environment



Process Parameter LED Displays

Vertaxis provides Parameter Display Solutions to various industry verticals. These displays can be custom-built and can take inputs from Data loggers, analysers systems, SCADA & PLCs of different make. Inputs or Communication interfaces to these displays can be of various types as follows

- Various Wired Connectivity options like Ethernet (LAN), RS 485, RS 232, Analog Inputs like 4-20mA Current Loop and 0-10 V etc.
- Various Wireless Connectivity options like WIFI, GPRS, LoRa, BLE, NB-IoT etc.
- Data Capturing capability from various Special Purpose Machines like FANUC, ARBURG etc.
- Data capturing Capability from all brand of PLCs like Siemens, Rockwell / Allen Bradley, Delta, Mitsubishi etc.
- Compatibility to variety of Industrial Protocols like MODBUS RTU, TCP / IP MODBUS, Profibus, ProfiNet, EthernetIP, ControlNet, S7 protocol, OPC-UA
- Data capturing from Various PC software's and from databases like Oracle, Access, SQL, MONGO DB etc.
- Data capturing from Cloud Server using various IoT protocols such as MQTT, REST APIs, CoAP, WEBHOOK, HTTP, etc.
- Rugged Cabinets suitable for harsh Industrial environment with various mounting options such as Hanging, Wall / Foot / Pole mounting arrangements as per requirement

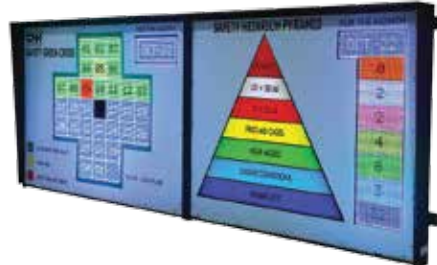


Safety Statistics LED Displays / Accident-Free Days LED Scoreboard

These LED displays are useful to show total accident-free days count in plant. It runs on RTC (Real Time Clock). User can set last incident date from PC software utility or Android App. Accident-free days will be incremented automatically every day.

The display can also show other parameters such as

- Date
- Safe Man Hours Worked
- No. of First Aid Cases
- No. of Reportable Incidents
- Last Incident date
- Total Accident-Freedays
- Safety Lagging Indicator / Leading Indicator statistics data
- Safety Triangle / Safety Heinrich Pyramid
- Safety Green Cross
- Safety Awareness Slogans and messages



ANDON / Production LED Displays

ANDON Displays are useful to show the Production data & status of the machine, line or process. These displays help Production and shop floor managers to identify where one need to concentrate efforts, to get maximum efficiency from production lines and shop floor.

Features:

- Single Sided / Double Sided Visibility
- Suitable for Indoor / Outdoor applications
- Compatibility for Alphanumeric text, images, videos
- Customized font sizes
- Audio Indications for Alarms
- Data capturing from various resources using different types of interfaces & Industrial Protocols
- Daily / Monthly / Shift Target can be set using PC software or Android App
- Actual count input can be 12/24V DC pulse, Potential free input

ANDON Displays are useful to display

- Daily, shift wise and cumulative Production Target Vs Achievement
- Real time Actual and Cumulative actual
- Loss of production time, machine stoppages details with multicolour visual indicators
- Cycle time / Tact Time, Difference, % Efficiency
- Safety messages, welfare messages



Jumbo LED Displays

Jumbo LED Displays are useful to display various process parameters and shop floor data for better visibility from longer distances.

They are useful to display various parameters like Temperature, Humidity, Pressure, Weight, Production Counter, clock, etc.

The input for these displays can be in different format such as

- Analog Input like 4-20mA or 0-10 V
- 12/24V DC pulse and Potential free input
- Input from different sources like various make transmitters and data loggers, weighing scales, pyrometers etc.
- Supports variety of interfaces like RS 232, RS 485, Ethernet, Bluetooth etc.



Synchronized GPS / NTP Clocks / Time Zone World Clocks

Features:

- No settings and manual adjustment required for Life time
- Utilize latest technology to capture information from various satellites
- 100 % accurate time
- Maintains uniformity with respect to time throughout factory premises
- No recurring cost
- Supports page flipping to display more time zones in single display
- Enabled with DST (Day Light Saving Time) feature
- Audio alarm interface with multiple alarm settings option using android app
- Single Sided / Double Sided Visibility
- Suitable for Indoor / Outdoor applications
- Available in various font sizes



ANDON System / Production Fault monitoring system / Assembly Line Stoppages Display

Assembly Line Stoppage Display is useful to show stoppages at individual stations or at stages in production line along with the delay caused due to these stoppages.

There can be multiple issues and reasons causing Line Stoppage Such as - Maintenance, Quality, Material shortage, Emergency, etc. These issues can be logged to central Server and used for report generation. This display can show current production status and variance. The SMS and Email alerts can be sent to concern authorities.



OUR PRESENCE



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