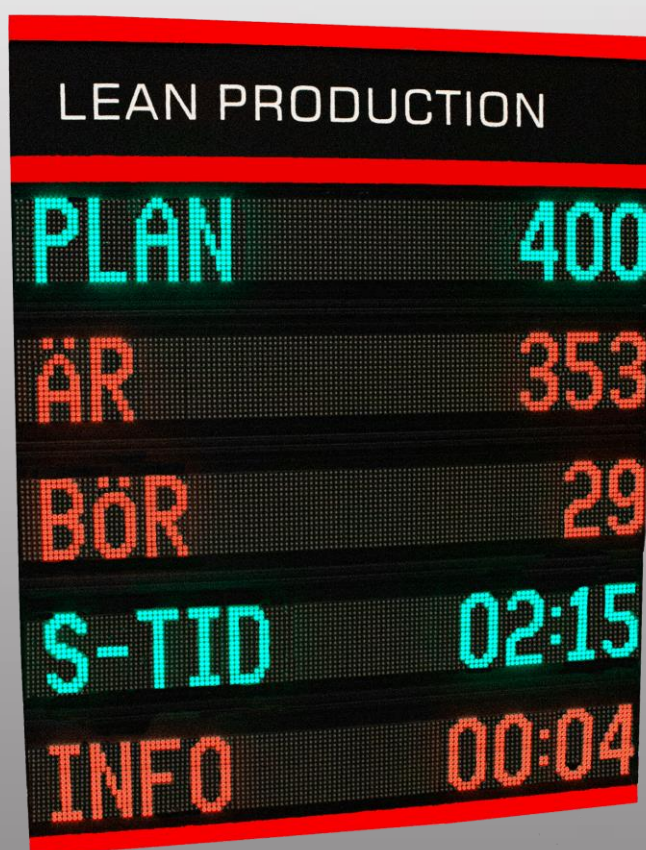


BINAR PRODUCTION SYSTEMS

# PRODUCTION BOARD

- Visualize important KPI's
- Use colors and graphic symbols
- Readable at up to 80 m
- Long durability & maintenance free



# PRODUCTION BOARD

Binar Solutions production board is a robust digital character display built for industrial environments. Colors and graphic symbols can be used to indicate the current status quickly and clear. The strong brightness makes the readability good at a distance of at least 80 meters.

## VISUALIZATION REDUCES WASTE

Visualization of key performance indicators and other essential information is a cornerstone in any modern, efficient production system. It is important that operators, management and maintenance staff quickly can acquire an overview of the situation, allowing them to take prompt action and feel that they are a part of the system.

## BUILT TO WITHSTAND

Binar's robust character displays are built to withstand industrial environments. They are often used together with Binar's Takt- and Andon systems where they are referred to as production- and tempo boards.

## CLEARER COMMUNICATION

The color display can be used to indicate the current status quickly and clearly, e.g. green for positive values, yellow for information or warning and red for negative values (such as downtime).

Using graphic symbols like arrows or dynamic bars you can illustrate rising and falling trends or show a percentage from 0-100 with a change of color for different intervals.

### TECHNICAL DATA

Readability distance	80m
Font size	Small: w 19 x h 27 mm Large: w 31 x h 63 mm Centred: w 31 x h 59 mm
Font color	16 colors
Communication	Ethernet (TCP/IP, unshielded cable), MQTT, UART, USB, RS232
CE	EN 6100-6-4 and EN 6100-6-2
Power supply	100-240V out 5v28-40A
Temperature range	0-50°C
Mounting	M6 adjusting slot on the upper and lower edge as well as lengthways on the backside



**BINAR**

*Improving your productivity*

# PRODUCTION BOARD

## ENHANCED CLARITY

The bright, full graphics LED matrix provides a readability of up to 80 m. Different font colors gives the information a greater value and clearer production visualization. By supplementing the text to the color, the clarity of information is enhanced.

## CHOOSE YOUR KEY PERFORMANCE INDICATORS

Use different KPI types to measure success based on your specific business goals and targets. BPS can show variety of indicators like Setpoint, Actual, Backlog, Accumulated backlog, stop time, Quality, OEE, Alarm messages, Downtime, Takt time, Andon alarm, Number of discarded etc.

## LONG DURABILITY & MAINTANANCE FREE

LED boards is maintenance free and has a very long service lifetime, usually over 100.000 hours.

## WEB APPLICATION

Gain full control wherever you are. Through our specially developed web application you can receive information about your production process and/or change visual details at a distance.

## STANDARD SIZES

The displays are delivered in several different standard sizes (see examples in table below). Even single lines exist as standard. Customization of the displays are possible. For more information please contact us at Binar Solutions.

NO. OF CHARACTERS	NO. OF ROWS	DIMENSIONS	WEIGHT
3x5 st	3	W1010 x h640 x d53	9.4 kg
4x5 st	4	W1010 x h800 x d53	11.4 kg
5x5 st	5	W1010 x h960 x d53	13.6 kg
6x5 st	6	W1010 x h1120 x d53	15.7 kg

## EASY MOUNTING - BRACKETS INCLUDED

Mounting the display is easily done on a wall or hanging from a wire. Brackets are included.

### BINAR Solutions AB

Box 2001 • SE-461 11 TROLLHÄTTAN • Sweden  
tel +46 (0)520 47 32 00 • fax +46 (0)520 47 32 10  
e-post [info@binar.se](mailto:info@binar.se) • webb [www.binarsolutions.com](http://www.binarsolutions.com)  
2021-01-25LP301V1.00



**BINAR**  
Improving your productivity