

The KPD-TS04C-30E is a compact HMI device with touchscreen interface and a high-resolution 4.3" widescreen TFT display. The built-in 100Mb Ethernet interface enhances its communication capability. It is the ideal solution for applications where low cost and small size, without compromising performance, are a requirement.

## Features

- 4.3" TFT color display
- 256 colors
- 480x272 pixel resolution
- Portrait mode operation
- Resistive touchscreen
- 2 MB user memory
- Ethernet interface
- USB port
- Connection to bus systems using optional plug-in modules



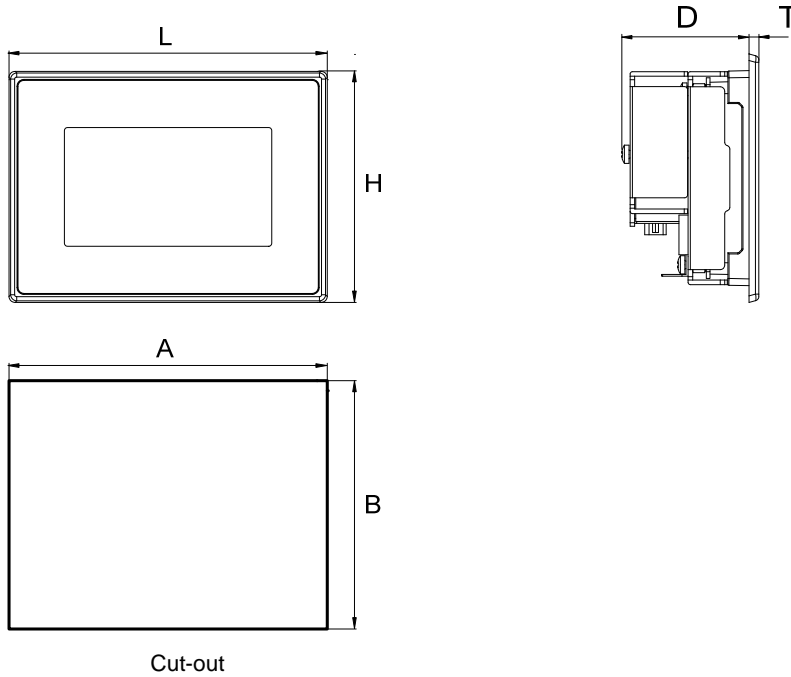
The KPD-TS04C-30E panel is a compact and low-cost product. It supports the rich common functionality of the Baldor operator panels:

- Powerful and intuitive programming with the Designer 6 software
- Integrated Ethernet port for connection to field devices as well as programming the HMI from Designer.
- USB host port for the connection of flash drives. Flash drives can be used for application upgrade as well as firmware upgrade of the device
- Optional modules for fieldbus systems
- Dual-driver communication capability;
- Advanced graphic capabilities
- Optimize mounting space and options with the portrait mode capability.
- Display dynamic data in numerical, text, bargraph and graphic image formats
- Recipe data storage. Recipe data can be transferred to a host computer using the Ethernet connection or copied to flash drives via USB connection.
- Multilanguage applications. The number of runtime languages is limited only by the available memory. All text information in the application can be exported in Unicode format for easier translation.
- Powerful macro editor to configure touchscreen operation
- Alarms and historical alarm list. Alarm and event information can be printed or transferred to a host computer using the Ethernet connection.
- Eight level password protection.

## Technical Data

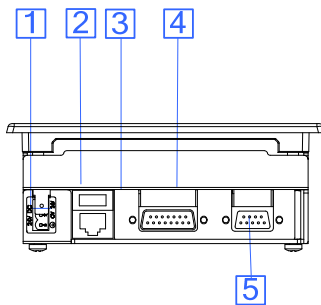
<b>Display</b>	
Type	TFT
Resolution	480x272 pixel
Active display area	4.3" diagonal (95.4x53.9 mm)
Colors	256
Backlight	LED
Brightness	120 Cd/m2 typ.
Dimming	Yes
<b>Memory</b>	
User memory	2 MB internal Flash
<b>Front panel</b>	
Touch screen	Analog resistive
Function keys	-
User LED indicators	-
System LED indicators	-
<b>Interfaces</b>	
PC/Printer port	-
Ethernet port	100 Mbit
USB port	Host interface, version 1.1
PLC port	RS-232, RS-485, RS-422
Serial programming speeds	9600 – 38400 bps
Aux port	Yes, optional fieldbus and controller modules
<b>Functionality</b>	
Vector graphics	No
Dual driver capability	Yes
Video input	No
Data acquisition and trends	No
Recipe memory	32 KB
Alarms	1024
Event list	256
Password	Yes
Hardware RTC	Yes, battery backed
Screen saver	Yes
Buzzer	No
Battery	Rechargeable Lithium battery, not user-replaceable
<b>Ratings</b>	
Power supply voltage	24 V DC (18 to 30 V DC)
Current consumption	0.4 A at 24 VDC
Fuse	Automatic
Weight	Approx 1.0 Kg
<b>Environmental Conditions</b>	
Operating temperature	0 to 50 °C
Storage temperature	-20 to +70 °C
Operating and storage humidity	5 – 85 % relative humidity, non-condensing
Protection class	IP65 (front panel)
<b>Approvals</b>	
CE	Emission: EN 61000-6-4 Immunity: EN 61000-6-2 for installation in industrial environments

## Dimensions and Cutout



Faceplate LxH	149x109 mm (5.86x4.29")
Cutout AxH	136x96 mm (5.35x3.78")
Mounting depth D+T	56 + 4.5mm (2.40+0.18")

## Connections



- 1 Power Supply
- 2 USB Port
- 3 Ethernet Port
- 4 PC/PLC Port
- 5 Aux Port

## Contact

For further office locations visit [www.baldor.com](http://www.baldor.com)

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