

The KPD-TS05C-30E features a bright 5.7" TFT display with LED backlight and full vector graphic capabilities. Connections include Ethernet and USB. The KPD-TS05C-30E has been designed for cost-sensitive applications. The integrated 10/100 Ethernet interface makes connectivity in complex control systems much more efficient.

Features

- 5.7" TFT color display, LED backlight
- 320x240 pixel (QGA) resolution, 64K colors
- Advanced vector graphics
- Resistive touchscreen
- 64 MB user memory
- 10/100 Ethernet interface
- USB interface
- Connection to bus systems using optional plug-in modules
- Slim design. Mounting depth less than 50mm



The KPD-TS05C-30E panel is part of Baldor's range of touchscreen panels. All of the touchscreen products share a rich common set of functionalities:

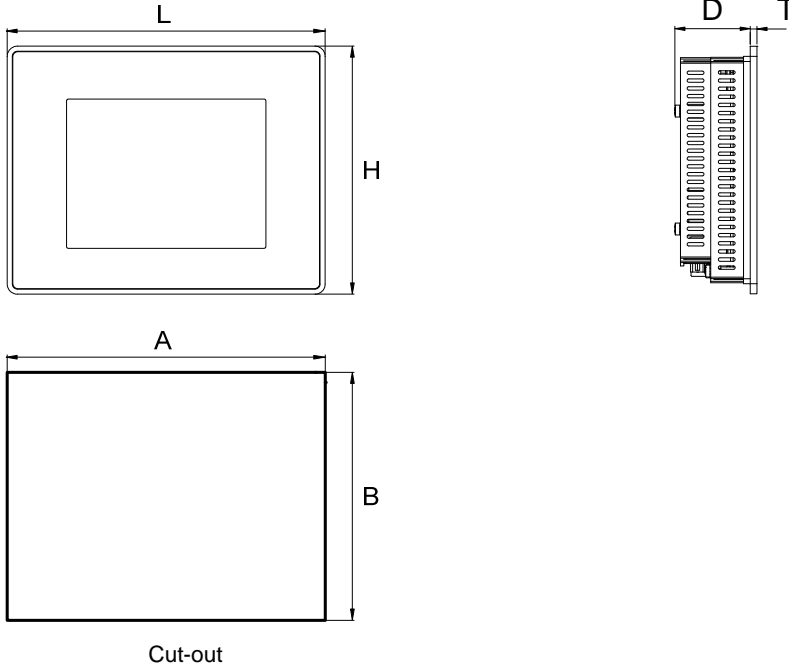
- Powerful and intuitive programming with the Designer 6 software.
- Built-in Ethernet port for communication with devices, programming the HMI from Designer and retrieving data from computers.
- USB host port for the connection of flash drives. Flash drives can be used for upgrading applications and firmware.
- Optional plug-in modules for fieldbus systems and networks. Compatible with TCM and SCM modules.
- Dual-driver communication capability.
- Vector graphic capabilities including the support of multiple layers and object transparency.
- Data display in numerical, text, bargraph, analog gauges and graphic image formats. Dynamic object properties supported.
- Data acquisition and trend presentation. Trend data can be transferred to an host computer using the Ethernet connection.
- Recipe data storage. Recipe data can be transferred to an host computer using the Ethernet connection or copied to flash drives via USB connection.
- Multilanguage applications. Far East languages are supported. The number of runtime languages is limited only by the available memory. All text information in the application can be exported to files 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 an host computer.
- Eight level password protection.
- Report printing to serial printer. Reports are freely configurable using Designer.

Technical Data

Display	
Type	TFT
Resolution	¼ VGA, 320x240 pixel
Active display area	115x86 mm (5.7" diagonal)
Colors	64K
Backlight	LED
Brightness	130 Cd/m2 typ.
Dimming	Yes
Memory	
User memory	64 MB internal Flash
Front panel	
Touch screen	Analog resistive
User LED indicators	1
System LED indicators	4
Interfaces	
Ethernet port	10/100 Mbit
USB port	Host interface, version 1.1
PC/Printer port	RS-232, RS-485, RS-422, software configurable
PLC port	RS-232, RS-485, RS-422, software configurable
Aux port	Yes, fieldbus and controller modules
Functionality	
Vector graphics	Yes
Object dynamics (hide/show)	Yes
TrueType fonts	Yes
Dual driver capability	Yes
Video input	No
Data acquisition and trends	Yes
Recipe memory	Yes. Flash memory storage limited only by available memory
Alarms	1024
Event list	1024
Password	Yes
Hardware RTC	Yes, battery back-up
Screen saver	Yes
Buzzer	Yes, audible feedback for touch screen
Ratings	
Power supply voltage	24 V DC (18 to 30 Vdc)
Current consumption	0.55A at 24Vdc(max.)
Fuse	Automatic
Weight	Approx 1.0 Kg
Battery	Rechargeable Lithium battery, not user-replaceable
Environmental Conditions	
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) IP20 (rear)
Approvals	
CE	Emission: EN 61000-6-4 Immunity: EN 61000-6-2 for installation in industrial environments

Note 1: Operation of the built-in USB interface and recipe storage to flash memory require an appropriate firmware version and use of Designer 6.07 or higher.

Dimensions and Cutout



Faceplate LxH	187x147 mm (7.36x5.79")
Cutout AxB	176x136 mm (6.93x5.35 ")
Mounting depth D+T	45+4 mm (1.77+0.16")

Contact

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