

Uppgjord (även faktaansvarig om annan) - Prepared (also subject responsible if other)		Nr - No.		
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Dokansv/Godk - Doc respons/Approved	Kontr - Checked	Datum - Date	Rev	File
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### USAGE

TT 14/4 is a time and temperature sign, 4 characters long and with 14 cm character height.

Option: other number of characters possible.

The purpose of TT 14/4 is to show time, temperature and also text (easily written and updated with IR keyboard, PC or POLNET network.).

### CHARACTERS

Text area 345x140 mm. 4 characters (each character 5x7 pixel matrix). Viewing distance approx. 40 metres.

### LIGHT-EMITTING DIODES

TT 14/4 have 2 high brightness AlInGaP LED in every pixel, a total number of 448 st.

### LIGHT CONTROL

TT 14/4 have automatic continuous adjustment of light intensity, enabling optimal visibility both day and night.

### PROGRAMMING

Programming can be done with wireless IR keyboard (maximal distance 20 meters), wire-keyboard (maximal distance 100 meters), PC software and RS232 port (maximal distance 25 meters) or RS232/POLNET modem (maximal distance 2000 meters).

### DATA INTERFACE

The standard interface is RS232/POLNET, 300-19200 baud. Up till 63 signs can be connected to the network and programmed individual or group wise.

Option: RJ45 connection for communication with TCP/IP (Ethernet 10Base-T or 100Base TX autosense)

Option: wireless communication with GMS/GPRS, minicall, DARC or radio modem

### INPUTS/OUTPUTS

TT 14/4 is prepared for 8 inputs or outputs, for controlling messages or external light sources / other equipment.

### COMMANDS

POLTECH signs have a advanced embedded software to draw maximal attention to the messages displayed:

**WIDE:** Show text with double width and double speed.

**FLASH:** Flash text, words or characters.

**UP:** Scroll message up vertically.

**DOWN:** Scroll message down vertically.

**JUMP:** Let message jump into the display.

**BLINK:** Open and close message vertically (as a blink with the eye)

**WIPE:** Open and close message from left to right.

**OPEN:** Open and close message from the center.

**PAUSE:** Pause message for 2 seconds.

**TEMP:** Insert temperature in message.

**TIME:** Insert time in message.

**CENTER:** Align message to the center.

### TEXT

TT 14/4 can show textmessages.

### TIME

TT 14/4 can show time. The internal clock can also control external events that are to take place at different times during a day. The time is normally set with IR keyboard.

### TEMP

TT 14/4 can show temperature. A temperature sensor is enclosed with the sign. The sensor, pre-calibrated, gives accurate temperatures between -50°C och +50°C. Maximum cable-length between sensor and sign is 100 meters.

### SOUND SIGNAL

TT 14/4 can be connected to an external loudspeaker. "BIG BEN" is a optional one-, two- or three-peal signal. Loudspeaker can be ordered as asseccory.

### MOUNTING

TT 14/4 can be mounted easily with 2 M6 bults on the top of the sign. C/C 300mm.

### SPECIFICATION

Product: TT 14/4

Dimensions: 500x196x58 mm

Power: external transformer 11,5 V, 2 m cable

Weight: 3 kg

Output connections at the right side of sign.

Power consumption: 220 Volt, maximum 30 VA.

Housing: Extruded black aluminum.

Delivery: Ready for use, transformer, temperature sensor and wireless IR keyboard enclosed with the sign.

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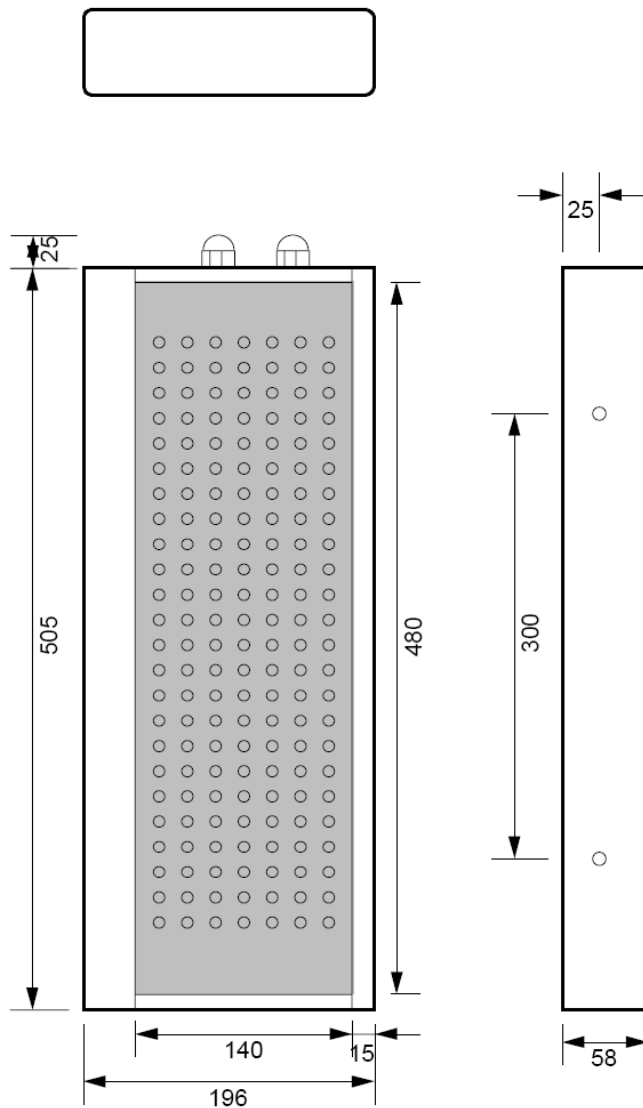
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www.poltech.se



Fästpunkter, 2 st M6 nitmuttrar i överkant

#### TT 14 / 4

4 tecken alfanumerisk, teckenhöjd 135 mm, 2 dioder / pixel.  
 Automatisk steglös ljusreglering.  
 Anslutning för POLNET nätverk.  
 Kapsling i strängpressad AL, anodiserad svart.

Kapslingsklass IP44, (kontaktanslutning)  
 Option: Kapslingsklass IP 54 (skruvanslutning)

Matning 11,5 VAC via extern plugin mellantransformator  
 Effekt Max 30 W

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TT 14 / 4

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Ritad	<i>Tho</i>	Konstr.	<i>Tho</i>
		Godk.	