

COMPARISON OF STX TERMINALS

Comparison of parameters STX 4000 and STX 5000



STX 4000



STX 5000

Communication interface

Type of communication interface	RS 232/485, Ethernet (using a converter)	RS 232/485, Ethernet (using a converter)
Galvanic isolation of the communication port	Yes (1 kV)	Yes (1 kV)
Serial port for printer control	Yes	Yes
Additional serial port (e.g. for a barcode reader)	No	Yes
Led illumination allowing to work at night	Yes	Yes
Number of digital inputs	2	4
Number of digital outputs	2	4
Timer outputs	No	Yes
Display	LCD, 4 lines of text, 20 characters in a line	TFT high-brightness
UNICODE character support	No	Yes
Display character height	1 cm	from 5 to 60 mm
Database with a search engine	Yes	Yes
Maximum number of items in the database	255	2000
Searching items in the database using the number (eg. Product No.)	Yes	Yes
Incremental search (search by a name part)	No	No

Characteristic

Housing material	Powder-coated black steel, colour: RAL 5015 paint for outdoor use *Stainless steel, aluminium, ABS - optional	Powder-coated black steel, colour: RAL 5015 paint for outdoor use *Stainless steel - optional
Dimensions of the box housing	600x400x250 mm	600x400x250 mm
Number of cable glands	6	6
Cable glands material	Nickel-plated brass	Nickel-plated brass
Cable gland for cable diameters	Up to 12 mm	Up to 12 mm
Keypad type	Membrane	Membrane
Integrated RFID reader	Yes	Yes
Type of RFID transponders read	UNIQUE 125 kHz	UNIQUE 125 kHz
Transponders' effective reading distance	A few centimeters	A few centimeters
External power supply	12-24 VDC	12-24 VDC

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Environmental limits and conformity to standards

Storage temperature	from -30 to +70 C	from -30 to +70 C
Operating temperature	from -20 to +60 C	from -20 to +60 C
Relative humidity	< 95% without condensation	< 95% without condensation
Electromagnetic compatibility	CE	CE

Possibility of transmission protocol

<ul style="list-style-type: none"> • Displaying any texts on the screen (Latin alphabet) 	<ul style="list-style-type: none"> • Displaying any texts on the screen (Unicode)
<ul style="list-style-type: none"> • Downloading texts entered on the keypad 	<ul style="list-style-type: none"> • Downloading texts entered on the keypad
<ul style="list-style-type: none"> • Uploading data dictionaries to the memory 	<ul style="list-style-type: none"> • Uploading data dictionaries to the memory
<ul style="list-style-type: none"> • RFID transponder number reading 	<ul style="list-style-type: none"> • RFID transponder number reading
<ul style="list-style-type: none"> • Digital inputs status reading 	<ul style="list-style-type: none"> • Digital inputs status reading
<ul style="list-style-type: none"> • Digital output control 	<ul style="list-style-type: none"> • Digital output control
<ul style="list-style-type: none"> • Device status reading 	<ul style="list-style-type: none"> • Device status reading
<ul style="list-style-type: none"> • Setting the device number (for network operation) 	<ul style="list-style-type: none"> • Setting the device number (for network operation)
<ul style="list-style-type: none"> • Control of an additional serial port (for a printer) 	<ul style="list-style-type: none"> • Audio level setting
	<ul style="list-style-type: none"> • Bitmap displaying
	<ul style="list-style-type: none"> • Font style and size setting
	<ul style="list-style-type: none"> • Control of additional serial ports e.g. to support an external display, a printer, barcode reader

Additional functionalities*

Printing of scale tickets (Industrial printer RS232)	<input type="radio"/>	<input type="radio"/>
Printing of scale tickets (Industrial printer Ethernet)	<input type="radio"/>	<input type="radio"/>
IP Intercom mounted inside the terminal (e.g. for contact with service in the office)	<input type="radio"/>	<input type="radio"/>
Traffic lights control, Barrier control	<input type="radio"/>	<input type="radio"/>
Display handling, Camera handling	<input type="radio"/>	<input type="radio"/>
Enclosure: stainless steel + powder coating RAL5015	<input type="radio"/>	<input type="radio"/>
Enclosure: stainless steel	<input type="radio"/>	
Enclosure: aluminium, ABS	<input type="radio"/>	
Enclosure with excision for indicator (e.g. Rinstrum R420)	<input type="radio"/>	

* Option - the function is available for an additional charge

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Front view



Keyboard view

