



Product catalog 2023



BUILDING & INDUSTRIAL AUTOMATION


- touchpanel TOUCHLBM
- gateways




touch panel

ARTICEL	DESCRIPTION	ORDERING DATA	
<p>24"</p> 	<p>TOUCHLBM 24" type size display area (mm) resolution touch-screen illumination external interfaces external dimensions (mm) design PWR</p>	<p>TFT Farb LCD, 16,7 Mio colors, nonreflecting 24" 531 (w) x 299 (h) 1920 x 1080 Pixel capacitiv LED, dimmable, brightness:: 260 cd/m² Ethernet, LON FT (optional), RS 485 (optional) 2xUSB2.0, µSD Slot 605 (w) x 373 (h) x 70 (d)case: aluminium/stainless steel, frame: aluminium 24V AC/DC</p>	<p>TLBM-240W-UP-SI</p>
<p>15"</p> 	<p>TOUCHLBM 15" type size display area (mm) resolution touch-screen illumination external interfaces external dimensions (mm) installation depth (mm) in-wall design PWR</p>	<p>TFT color LCD, 16,1 Mio colors, nonreflecting 15" 304 (w) x 229 (h) 1024 x 768 pixel (XGA) resistive analog LED, dimmable, brightness: 450 cd/m² Ethernet, LON FT (optional), RS 485 (optional) 364 (w) x 290 (h) x 75 (d) 70-74 case: aluminium/stainless steel, frame: aluminium 24V AC/DC</p>	<p>TLBM-150-UP-SI</p>
<p>7"</p> 	<p>TOUCHLBM 7" type size display area (mm) resolution touch-screen illumination external interfaces external dimensions (mm) installation depth (mm) in-wall design PWR</p>	<p>TFT color LCD, 262.144 colors, nonreflecting 7" 153 (w) x 93 (h) 800 x 480 pixel resistive analog LED, dimmable, brightness: 350 cd/m² Ethernet, LON FT (optional), RS 485 (optional) 197 (w) x 137 (h) x 63 (d) 55 case: aluminium/stainless steel, frame:aluminium 24V AC/DC</p>	<p>TLBM-070W-UP-SI</p>
<p>7"</p> 	<p>TOUCHLBM 7" type size display area (mm) resolution touch-screen illumination external interfaces external dimensions (mm) design PWR</p>	<p>TFT color LCD, 262.144 colors, nonreflecting 7" 153 (w) x 93 (h) 800 x 480 pixel resistive analog LED, dimmable, brightness: 350 cd/m² Ethernet, LON FT (optional), RS 485 (optional) 265 (w) x 200 (h) x 45 (d) case: plastic lava grey, on-wall mounting type 24V AC/DC</p>	<p>TLBM-070W-AP-LG</p>
<p>5, 7"</p> 	<p>TOUCHLBM 5,7" type size display area (mm) resolution touch-screen illumination external interfaces external dimensions (mm) installation depth (mm) in-wall design PWR</p>	<p>TFT color LCD, 262.144 colors, nonreflecting 5,7" 117 (w) x 88 (h) 640 x 480 pixel resistive analog LED, dimmable, brightness: 400 cd/m² Ethernet, LON FT (optional), RS 485 (optional) 165 (w) x 137 (h) x 63 (d) 55 case: aluminium/stainless steel, frame: aluminium 24V AC/DC</p>	<p>TLBM-057-UP-SI</p>

touch panel

ARTICEL	DESCRIPTION	ORDERING DATA
<p data-bbox="172 358 225 387">3,5"</p> 	<p data-bbox="437 365 560 387">TOUCHLBM 3,5"</p> <p data-bbox="437 390 1023 637"> type size display area (mm) resolution touch-screen illumination external interfaces external dimensions (mm) installation depth (mm) in-wall design PWR </p> <p data-bbox="668 410 1023 637"> TFT color LCD, 65.536 colors, nonreflecting 3,5" 480 x 320 pixel resistive analog LED Ethernet, RS 485 (optional) 150 (w) x 100 (h) x 53 (d) 55 case: aluminium/stainless steel, frame: aluminium 24V AC/DC </p>	<p data-bbox="1046 365 1174 387">TLBM-035-UP-SI</p>

options TOUCHLBM - Interface

ARTICLE	DESCRIPTION	ORDERING DATA
LON-FT	LON EIA-709 FT interface for TouchLBM	TLBM-LONFT
LON-IP	LON CEA-852 IP interface for TouchLBM	---
RS 485	RS485 interface for TouchLBM for using Modbus RTU Master/Slave BACnet MS/TP	TLBM-RS485
Modbus TCP	for TouchLBM for using Modbus TCP Master/Slave over Ethernet	---
BACnet IP	for TouchLBM for using BACnet IP over Ethernet	---
WIFI	<p>option WIFI This option connects TOUCHLBM with your wireless network. Simple configuration via TOUCHLBM</p>  <ul style="list-style-type: none"> ■ places your TOUCHLBM wherever you wish - wireless ■ connects TOUCHLBM with web ■ power supply via Touchpanel (on-wall mounting type), ■ avoids use of a further socket and free hanging cables ■ Push'n'Connect saves connection to your network <ul style="list-style-type: none"> - with a touch of a button via real Plug'n'Play <p>scope of deliver: WIFI USB MODUL 300mbps</p>	TLBM-WLAN





Special functions

remote access	<p>Remote Access</p> <p>Option 1: TOUCHLBM provides an opportunity of Remote-Access via an integrated VNC-Server (Virtual Network Computing) via TCP/IP-connection. The content of display can be displayed by means of VNC Protokoll on a PC, PDA or Smartphone. All functions/states can be read and controlled directly from PC, PDA or Smartphone.</p> <p>Option 2: TOUCHLBM provides an opportunity of Remote-Access via an integrated WEB-Server via TCP/IP-connection. The content of display can be displayed by means of Browser (Firefox) on a PC, PDA or Smartphone. Functions: remote control, dowlod log files, dowload alarm logs, show settings</p>	<p>TLBM-VNC</p> <p>(This option is not discountable!)</p>
CAM	<p>Option Cam support / Augmented Reality</p> <p>Up tou 4 video streams from RTSP source are showable on display.</p> <p>live Cam stream on display and integrated objects (e.g. temperatur) overlaid for Augmented reality</p> <p>connection over Ethernet</p> <p>Please ask for recommend cameras.</p>	---





(Symbol)

logo imprint or gravure TOUCHLBM-series

ARTICLE	DESCRIPTION	ORDERING DATA
logo gravure	option logo gravure	TLBM-logo-gravure
	for all TOUCHLBM UP, design aluminium We finish the bezel of TOUCHLBM with your logo (gravure).	
logo - black	option logo imprint, black	TLBM-logo-black
	for all TOUCHLBM UP, design aluminium We finish the bezel of TOUCHLBM with your logo (gravure).	
logo 4coloured	option logo imprint, 4coloured	TLBM-logo-4coloured
	for all TOUCHLBM UP, design aluminium We finish the bezel of TOUCHLBM with your logo (gravure).	
bezel colored	option bezel color in RAL	TLBM-CC
 (Symbol)	for all TOUCHLBM On request, we refine the front panel of TOUCHLBM in desired color according to RAL Not combinable with logo imprint!	

Accessories

ARTICLE	DESCRIPTION	ORDERING DATA	PRICE/pcs
power supply	power supply for all TOUCHLBM		
 (Symbol)	AC 100-240V/50Hz, DC 24-28V/30W AC 100-240V/50Hz, DC 24-28V/50W AC 100-240V/50Hz, DC 24-28V/70W	TLBM-PWR-30W TLBM-PWR-50W TLBM-PWR-70W	
SET	Mounting bracket for installation in drywall / plasterboard	TLBM-MON-WS	
	for all TOUCHLBM UP		

ARTICLE	DESCRIPTION	ORDERING DATA
TouchMaker 4.x 	TouchMaker 4.x.x Project-Software for TOUCHLBM series <p>Software for Windows and Linux for all TFT TOUCHLBM. Creation and design of screen layouts and project application with definition of buttons, import of bitmaps, LON network variables (SNVT), BACnet objects, Modbus objects and OPC in every screen-layout.</p> <p>Main features:</p> <ul style="list-style-type: none"> ■ direct upload of created screen layouts into the panel via Ethernet FTP ■ generating of data points: LON, BACnet, Modbus, OPC with import functions ■ integration of custom pictures/pictograms/buttons/icons ■ Master/Slave panel link ■ scheduling, trending, alarm management ■ calendar function with use of special routines in LON and BACnet ■ programmable with integrated script language and use of data points ■ use of custom TrueType fonts ■ wipe operating in 4 directions ■ multi picture animation / buttons / graphic display objects (transparency) ■ LON SNVT variables and UNVT (Uservar) useable ■ Import and export of LON XIF-Files ■ project simulation on PC ■ cam support to integrate up to 4 video streams with augmented reality ■ play function for audio files ■ project converter for converting projects to different panel size 	TLBM-TM-4 <div style="text-align: right; background-color: #4CAF50; color: white; padding: 5px; margin-top: 10px;"> Download full version ➔ www.passtec.de </div>
Project design 	Creation of project (TouchMaker projects) <ul style="list-style-type: none"> ■ creation of screens incl. menu structure and Upload of screens (individual with your logo and customer specific colors,...) ■ graphics editing ■ Insert of datapoints and assignment to display objects ■ programming 	
LinkMaker 	LinkMaker 1.8x LON integration tool with autobind <p>Software for designing, installing, operating and maintaining open and interoperable LONWORKS® control networks of several manufacturers. LinkMaker allows creating of network connections between several LON devices using a TOUCHLBM Touch Panel for network management function. You can download demo version here: www.passtec.de</p> <p>With a keycode/password you can activate demo version to full version. Please contact PASStec to receive your keycode/password. Tel.: +49 (0) 3762 95 66 200 or info@passtec.de</p> <ul style="list-style-type: none"> ■ apated for small networks with max. 63 devices ■ no Credits ■ field installation without PC hardware, only with the help of TOUCHLBM ■ quick and easy change of installed LON components (without PC hardware) ■ userfriendly graphical interface ■ cost-efficient ■ easy handling ■ Transfer of definitions of LinkMaker to TOUCHLBM via Ethernet ■ Binding of SNVT and UNVT possible (no CPs) 	TLBM-LM-1.8x <div style="text-align: right; background-color: #4CAF50; color: white; padding: 5px; margin-top: 10px;"> Download demo version ➔ www.passtec.de </div>
Gate Maker 	Project Configuration for GateLBM <ul style="list-style-type: none"> ■ configuration of interfaces and systems ■ mapping of data points between systems 	GateMaker
PASSGraph 	Evaluation of TOUCHLBM log data <ul style="list-style-type: none"> ■ reading TOUCHLBM log files ■ selection of any data points and time periods ■ creation of diagrams ■ print or output as PDF of diagrams 	PASSGraph

gateways

ARTICLE	DESCRIPTION	ORDERING DATA
MULTI GATEWAY 	GateLBM <ul style="list-style-type: none"> Multi-Gateway for LON/BACnet/Modbus fast and easy applicable gateway module for BACnet IP, LON FT (optional article LON-FT needed), Modbus TCP (Client/Server), Modbus RTU (Master/Slave), BACnet MS/TP, LON IP, <p>interfaces Ethernet, LON-FT (optional), RS 485 2xUSB, μSD Slot processor ARM Cortex A9 Dual Core external dimensions (mm) 127 (l) x 78 (w) x 43 (h) case aluminium installation DIN rail PWR 24V AC/DC</p>	GateLBM
MULTI GATEWAY 	GateLBM20 <ul style="list-style-type: none"> Multi-Gateway for LON/BACnet/Modbus/OPC fast and easy-to-use gateway for BACnet IP, LON FT (optional article LON-FT needed), Modbus TCP (Client/Server), OPC UA Modbus RTU (Master/Slave), BACnet MS/TP, LON IP, <p>interfaces 2xEthernet, LON-FT (optional), RS 485 2xUSB2.0, μSD Slot processor ARM Cortex A53 Quad Core external dimensions (mm) 127 (L) x 78 (B) x 43 (H) case aluminium installation DIN rail PWR 24V AC/DC</p>	GateLBM20
DMX GATEWAY 	DMX-RS232 Gateway <ul style="list-style-type: none"> DMX Gateway for RS232 to DMX512 512 DMX channel connect up to 32 DMX devices <p>interfaces DMX512, RS232</p> <p>processor Microchip external dimensions (mm) 127 (L) x 78 (B) x 43 (H) case case plastic installation DIN rail PWR 9V DC external</p>	DMX512-MOD-V2

CONSULTING / SUPPORT

If you have any further questions concerning orders, deliveries or prices, please contact us.



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PRICING

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DELIVERY CONDITIONS

Delivery is made ex works (with parcel service or forwarding, plus the costs for packaging, for freight and for insurance as well as the applicable statutory value added tax; in the case of export deliveries they will also include custom duties.

TERMS and CONDITIONS

The current version of our General Terms of Business shall be applicable. See www.passtec.de for AGB download

PASStec Pricelist 2023
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