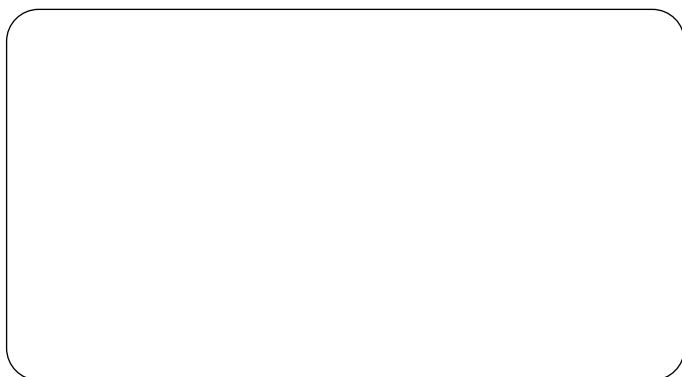




User manual

POS 8

YOUR VECTRON DEALER :



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1. Notes

This user manual is part of the Vectron POS 8. Read this documentation in its entirety, and in particular the chapter “Safety Instructions,” before using the product. Store the documentation in such a way that it is accessible to all users at all times. Always provide the product to third parties together with the required documentation.

1.1. Target group for this user manual

End users of the Vectron POS 8 and Vectron partners.

1.2. Partner support

Your Vectron partner has programmed the POS 8 for you and is your contact for questions concerning the programming. If necessary, they will assist you with the start-up and train you in the use of your POS system.

1.3. Scope of delivery

Vectron POS 8	
Standard shipment	Vectron POS 8 system
	POS 8 power supply incl. power cord
	L1 POS 8 operator lock (Dallas standard lock) with two operator keys; assembly possible on either side of the display
	Serial adapter RJ48 to D-sub 9 (plug)
	Serial adapter RJ48 to D-sub 9 (socket)
	Vectron POS software with license
	Safety and installation instructions
	Shipping box
Optional accessories	L2 POS 8 operator lock (iButton magnet)
	Customer display C11 POS 8
	Scanner S1 POS 8
	TSE
	Drawer multiplexer POS 7 (compatible with POS 8)

2. Explanation of terms and symbols

2.1. Safety information

This manual contains introductory safety instructions and warnings for your POS 8 system.

2.1.1. Warning

⚠ SIGNAL WORD



Type and source of the hazard

Consequences of non-compliance.

► Hazard prevention

2.1.2. Warning symbols

Warning symbol	Meaning
 	Warning symbol for information warning of personal injury.
	General warning symbol.
	Special warning symbol for hazards due to crushing.
	Special warning symbol for hazards due to electric shock.

2.1.3. Signal words

Signal word	Meaning
⚠ DANGER	The signal word "DANGER" indicates a danger with high risk, which will result in death or severe injury if it is not avoided.
⚠ WARNING	The signal word "WARNING" indicates a danger with medium risk, which could result in death or severe injury if it is not avoided.
⚠ CAUTION	The signal word "CAUTION" indicates a danger with low risk, which could result in minor injuries if it is not avoided.
⚠ NOTICE	The signal word "NOTICE" indicates a danger which could result in material damage if it is not avoided.

2.2. Notes



This information symbol indicates notes that may be useful when using your POS 8.

3. Safety instructions

DANGER

Fatal electric shock due to damaged POS system components

- ▶ In the event of damage, disconnect the power cord from the power supply.
- ▶ Contact your Vectron partner if POS system components are damaged.

Damage to POS system components when using incompatible accessories.

The use of incompatible or counterfeit accessories can cause damage to your device and pose a potential risk of fire and/or explosion. This can result in serious injury or other serious health hazards.

- ▶ Use only original Vectron accessories.

CAUTION

Risk of pinching your fingers when aligning the screen

The gap between the screen housing and the hinge changes during alignment.

- ▶ Do not insert your fingers between the screen housing and the hinge.

Tripping hazard and damage to the device caused by cables lying loose on the floor

- ▶ Route device cables so that they do not pose a hazard!

Damage to the POS system due to incorrect wall mounting

- ▶ When wall-mounting the POS 8, ensure that the wall and the mounting hardware used have sufficient load-bearing capacity.

NOTICE

Damage to POS system components due to excessive voltages or currents

- ▶ Use a grounded outlet with an AC voltage between 110 and 240 volts.
- ▶ Use power sources that are protected by a ground-fault circuit interrupter.

▲ NOTICE

Malfunctions due to incorrect programming

- ▶ Only change the programming if you are absolutely certain of the consequences.
- ▶ Protect the programming and program functions with passwords.
- ▶ Your Vectron partner will assist you with any questions regarding programming or will program the POS system according to your specifications.
- ▶ This POS system is shipped with an Android operating system. As the manufacturer of this POS system, we can only guarantee flawless operation in its factory-default state. Installing additional software products generally increases the risk of malfunctions. It is strongly recommended that you have software products installed exclusively by a Vectron partner.

Damage to the touchscreen caused by contact with unsuitable objects

- ▶ Operate the touchscreen only with your fingers or with touch pens intended for this purpose.

Burn-in effect caused by static image content

Static image content can cause afterimages to remain permanently visible on the display.

- ▶ Configure the screen saver.
- ▶ Your Vectron partner will assist you with any questions regarding programming or will program the POS system according to your specifications.

Aggressive cleansers can damage the housing surface

- ▶ Do not use scouring powder or plastic-dissolving cleaning agents for cleaning.
- ▶ Clean the device housing surfaces as needed with a soft, lint-free cloth. For heavier soiling, you can lightly dampen the cloth with water or a residue-free, mild cleaning agent.

Damage to POS system components during transport in unsuitable packaging

- ▶ Ship POS system components exclusively in packaging suitable for this purpose.
-

4. Device description

4.1. Intended use

- ▶ The POS 8 is a stationary POS system for processing orders and payments.
- ▶ The POS 8 may be used within the environmental conditions defined in Chapter 5 "Technical specifications" on page 23.
- ▶ To operate the POS 8 use exclusively Vectron original accessories or Vectron Systems AG-approved accessories.
- ▶ Vectron Systems AG does not accept liability for damages or injuries resulting from improper use.
- ▶ The operator of the POS 8 is responsible for saving and backing up the data generated by the POS 8.
- ▶ The operator of the POS 8 is responsible for ensuring that the data is processed in accordance with legal requirements.

4.2. POS system



Fig. 1: Front view of POS 8 stand

4.2.1. Front view

Pos.	Designation	Description
1	Touchscreen	Data entry using a touch pen or your fingers.
2	On/Off button	Turn the POS system on and off.
3	Stand	The POS system is installed on the stand.

4.2.2. Rear view



Fig. 2: Rear view POS 8

Pos.	Designation	Description
1	Ports	Various ports and connectors are available for connecting the power supply and external devices.
2	Speaker	Acoustic signals can be output via the speaker.
3	VESA mount adapter	The VESA mount adapter allows the POS system to be mounted on various mounting solutions, such as a wall mount.
4	Port cover	This cover can be removed for the connection of peripheral devices (e.g. operator lock, scanner).

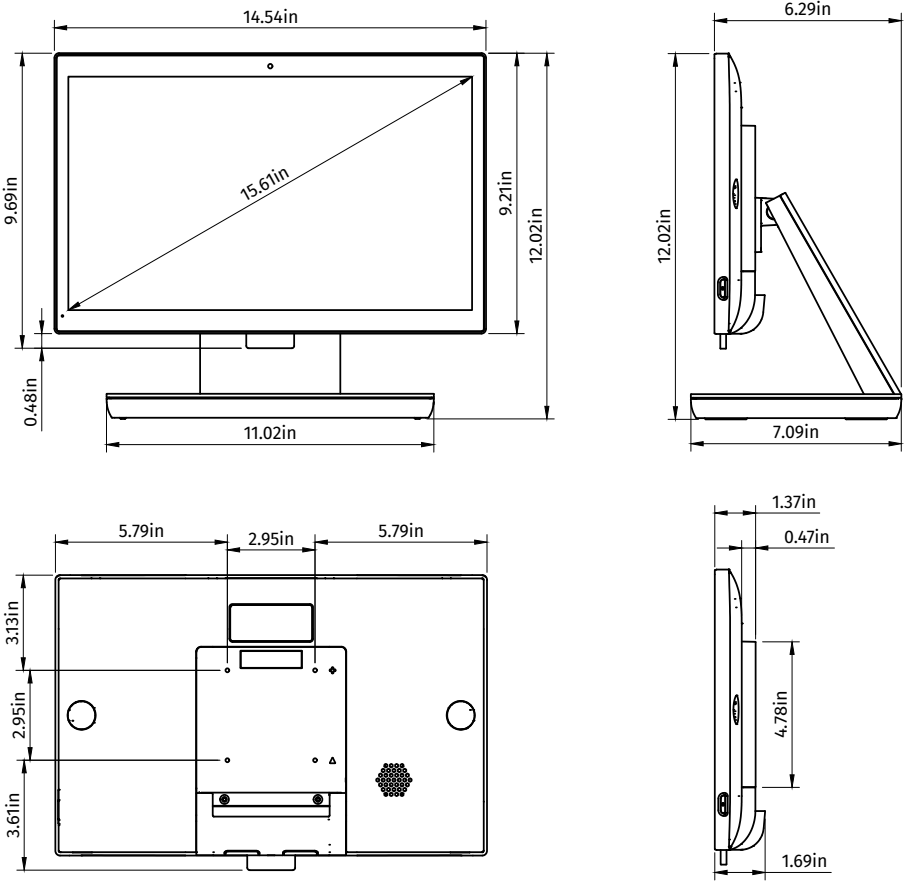
4.2.3. Ports and connections



Fig. 3: Detailed view of the ports and connections for POS 8

Pos.	Designation	Description
1	Drawer connection	One port for one cash drawer.
2	USB 2.0 ports	Two USB 2.0 ports for peripheral devices and storage media.
3	Network port	10/100/1000 Base-T; Ethernet.
4	USB 3.0 Type-C ports	USB 3.0 Type-C port for peripherals and storage devices.
5	FeDP (Main Display)	FeDP display port for the customer display.
6	COM1 port	Serial port for peripheral devices such as printers and scanners.
7	USB 2.0 ports	Two USB 2.0 ports for peripheral devices and storage media.
8	Power connection	Connection for POS 8 power supply.
9	On/Off button	Button for turning the POS system on and off.

4.2.4. Dimensions (in inches)



4.3. Power supply and power cord

4.3.1. Power supply Vectron POS 8



Fig. 4: Vectron POS 8 65-watt power supply (front)



Fig. 5: Vectron POS 8 65-watt power supply (rear)

Pos.	Designation	Description
1	Power supply socket	The power cord plug is inserted into the power supply socket.
2	Label	Product name and serial number.

Pos.	Designation	Description
3	Device plug	The device plug is inserted into the power connection of the POS 8.

4.3.2. Power cord



Fig. 6: Power cord

Pos.	Designation	Description
1	Power plug	The power plug is inserted into an outlet. The appearance of the power plug may differ from the illustration.
2	Power supply connector	The power supply connector is inserted into the power supply socket.



Fig. 7: RJ48 to D-sub-9 adapter

Pos.	Designation	Description
1	RJ48	The RJ48 connector is plugged into the COM1 port.
2	D-sub-9	The D-sub 9 connector is connected to the serial adapter.

4.4. Vectron POS software

The functions available with the installed Vectron POS software depend on the software version used and the programming.

Your Vectron partner will assist you with any questions regarding programming or will program the POS system according to your specifications.

5. Technical specifications

5.1. POS 8 system

Vectron POS 8	
Display diagonal	15.6"
Display type	True-Flat PCAP multi-touch Anti-Glare
Display lighting	LED backlight
Display size (active)	13.54 x 7.62"
Display resolution	1920 x 1080 pixels (Full HD)
Colors	16.2M (6bits+FRCrc)
Input	Touchscreen (projective-capacitive)
Front logo	1 x White LED light
Housing and stand	Coated metal (Die-cast aluminum)
Processor	MediaTek Genio 700 (MT8390)
RAM	4 GB LPDDR4
Mass storage	64 GB eMMC
USB ports	1x USB 3.0 Type-C 4x USB 2.0
Serial ports	1x RJ48 (Powered RS232) (Default 0V; 5V&12V controlled by factory production SKU)
LAN port	1x RJ45 Ethernet
Wi-Fi + BT	802.11 WIFI 6, BT5.2
Cash drawer port	1x RJ11
Display port	1 x FeDP
Speaker	Integrated speaker, 3W
Power supply	POS 8 power supply, 12V DC, 65W
Power consumption	Without customer display
	min. 6W
	16W in normal mode without external appliances
	0.3W in standby mode

Vectron POS 8	
	With customer display
	min. 10W
	20W in normal mode without external appliances
	0.3W in standby mode
Temperature	Storage: -20°C to 60°C
	Operation: 0°C to 35°C
	Humidity: 20% to 85% (non condensing)
Dimensions (W x H x D)	Approx. 14.53 x 12.02 x 7.09" (depending on tilt angle)
Weight	Approx. 4.1 kg
Certification	CE Mark Class A, LVD, RoHS
Legal warranty	24 months

5.2. Power supply Vectron POS 8

Technical specifications for POS 8 power supply	
Input voltage	100 to 240 V AC
Output voltage	+12 V DC
Output current	Maximum 5,416 A
Output power	Maximum 65 W
Power consumption (max.)	65.535*
Temperature	Storage: - 20°C to 85°C Operation: 0°C to 40°C
Humidity	Operation: 8 to 90%, non condensing*
Dimensions (W x H x D)	5.12 x 1.18 x 1.97"
Weight	392 g incl. cable
Certifications	CE , UL, UKCA, FCC

5.3. Vectron POS software

Technical specifications of the Vectron POS software	
Operating system	Android 13 GMS EDLA certified
Number of items	1,000,000*
Departments	65,535*
Operators	2,000*
GC/Customer memory	65,535*
Cash registers per network	200*
Printers per network	100*
User interface	Gesture control (swipe) for fast navigation Use of own images and icons also with transparency channel Predefined high-resolution fonts

Technical specifications of the Vectron POS software	
myVectron	Cloud-based myVectron services, integrated customer loyalty tools (e.g., custom campaigns, automatic processing of loyalty points, discount promotions, vouchers)
Special features (applies only to the Light version)	All server functions of Vectron POS with a Light license can only be used with a mobile Vectron POS system. The server is always the Vectron POS with a Light license.
	The use of mobile Vectron POS systems in such a network is limited to a maximum of 10 mobile POS systems—with the Vectron POS with a Light license, a maximum of 11 POS systems can thus be registered in the network.
	Except when receiving programming updates, the Vectron POS with a Light license connects only to a mobile Vectron POS system.
	Peripheral use is possible within the existing scope.
	An upgrade to a standard Vectron POS software license is possible by purchasing the corresponding upgrade license.
*	These figures represent theoretical maximum values that can only be achieved with special programming and optimal hardware configuration. The available functions also depend on the software version used and the programming of the POS system. Please contact your authorized partner to have your specific requirements assessed and implemented.

6. Start-up



Your Vectron partner has programmed the POS 8 for you. If necessary, they will assist you with the start-up and train you in the use of your POS system.

6.1. POS 8 set-up

6.1.1. Selecting a set-up site for the POS 8

- ▶ Place the POS 8 in a well-ventilated room where the temperature is between 0°C and 35°C.
- ▶ The POS 8 must not be covered during operation.
- ▶ Select the setup site so that the POS 8 is not exposed to direct sunlight.
- ▶ Place the POS 8 on a stable, even surface with sufficient space.
- ▶ Ensure that no liquids can flow over the POS 8, the power supply, or the power cord.
- ▶ Route the cables so that they are not under tension.
- ▶ Route the cables so that no one can trip over them.
- ▶ When wall-mounting the POS 8, ensure that the wall and the mounting hardware used have sufficient load-bearing capacity.
- ▶ After storage outside the operating temperature range, the POS 8 must be acclimatized for 24 hours before it can be put into operation.

6.1.2. POS 8 connection to the power supply

⚠ CAUTION

Tripping hazard and damage to the device caused by cables lying loose on the floor

- ▶ Route device cables so that they do not pose a hazard!
- ▶ Make sure to route cables so that they are not subjected to tension.

⚠ NOTICE

Damage to POS system components due to excessive voltages or currents

- ▶ Use a grounded outlet with an AC voltage between 110 and 240 volts.
- ▶ Use power sources that are protected by a ground-fault circuit interrupter.

-
- ▶ Plug the power cord's plug into an outlet.

6.1.3. Connecting devices to the POS 8



Your Vectron partner will inform you about available peripheral devices.

6.2. Aligning the screen

CAUTION

Risk of pinching your fingers when aligning the screen

The gap between the screen housing and the stand changes during alignment.

- ▶ Do not insert your fingers between the screen housing and the stand.
-

7. Operation



The buttons mentioned in this section, which may be displayed as graphical elements, are shown in Chapter 13 "Icons" on page 49.

7.1. Turning the POS 8 on and off

7.1.1. Turning on the POS 8

Once the POS 8 has been set up as described in Chapter 6 "Start-up" on page 27, you can turn on the POS system.

- Briefly press the on/off button to turn on the POS 8.



Fig. 8: Turning POS 8 on/off

7.1.2. Turning off the POS 8

- Briefly press the on/off button to turn off the POS 8.

7.1.3. Restarting the POS 8

- ▶ Briefly press the on/off button to turn off the POS 8.
- ▶ Wait about 10 seconds.
- ▶ Briefly press the on/off button to turn on the POS 8.

7.2. User interface



This chapter describes an **example configuration** of the Vectron POS software.

The programming and configuration of your POS system may differ significantly from this example.

Your Vectron partner has programmed the POS 8 for you and is your contact for questions concerning the programming.

Once you have set up and turned on the POS 8, your POS system is ready for data input.

⚠ NOTICE

Damage to the touchscreen caused by contact with unsuitable objects.

- ▶ Operate the touchscreen only with your fingers or with touch pens intended for this purpose.

7.2.1. Registration interface



Fig. 9: Registration interface

Pos.	Designation	Description
1	System menu	Selection of reports, fiscal functions (depending on the software function), etc.
2	Favorites	Favorites saved in the program for quick selection.
3	Departments	Selection of the departments.
4	Item selection	Detailed selection within a department
5	Items	Items from the selected item selection.
6	Payment	Proceed to the payment interface.
7	Open GCs	Overview of open GCs.
8	GC	To open a GC for bookings enter the table no. on the numeric pad and press the button <GC>.
9		Buttons for various functions
	Staff	Employee discount
	Takeout	Labeling of items for takeout
	VIP sale	100% discount

Pos.	Designation	Description
	Guest count	Enter guest count
	Notice	Enter custom information via the touchscreen
	Void	Items that have already been booked can be unbooked.
	Correction	Items entered by mistake are immediately removed from the open receipt display.
	Functions	Selection of program functions
10	Operator	Logging in and out of an operator

7.2.2. Payment interface



Fig. 10: Payment interface

Pos.	Designation	Description
1	VC	Status of online services (Vectron Connect, bonVito). You can also see this element in the registration interface.
2	HO	Status of the Order Hub server connection. You can also see this element in the registration interface.
3		Buttons for payment options

Pos.	Designation	Description
	Cash	Cash payment
	Card payment	Payment by debit or credit card
	bonVito customer card	Payment with a bonVito customer card
	myVectron voucher	Payment with a myVectron voucher
	To customer memory	Transfer to a customer account
4		Buttons for online service functions
	bonVito	Additional bonVito options
	myVectron	Additional myVectron options
5	With receipt	Print of next invoice as entertainment expenses.
6	Info/Entry	Display of "last entry" or result of last entry.
7		Buttons for GC functions
	GC split	Invoice individual items for a GC.
	Check move	Move all items to another GC.
8	Return	Back to registration interface
9	Open GCs	Overview of open GCs
9	Target GC/target receipt	Display of target GC/target receipt for GC split or GC move.
10		Layout elements for displaying GC and receipt information as well as bills.
	Left: Opened GC	Display of all bookings of the opened GC.
	Right: Target GC/target receipt	Display of target GC/target receipt for GC split or GC move.

7.3. Logging in and out on the POS 8

Two types of operator login can be programmed. If you have an operator key and wish to log in with it, continue reading in Chapter 7.3.2 "Logging in with the operator key" on page 36.

If you do not have an operator key, continue reading in Chapter 7.3.1 "Logging in with the operator button" on page 35.

7.3.1. Logging in with the operator button

⚠ NOTICE

Damage to the touchscreen caused by contact with unsuitable objects.

- ▶ Operate the touchscreen only with your fingers or with touch pens intended for this purpose.

- ▶ Enter the operator number on the keypad.
- ▶ Press the <Operator> button.
- ▶ Enter the secret code if it is required.
- ▶ Press the <Enter> button to confirm and log in this operator.

The operator's name appears in the status display.

Log out

- ▶ To log out the logged-in operator, press the <Operator> button or the name of the logged-in operator in the status display.

7.3.2. Logging in with the operator key

The operator lock system consists of two components: the operator lock and the operator key.



Each operator key has a unique number. The number of your operator key is stored in the operator management system. Based on this assignment, the Vectron POS software recognizes which operator is logging in to the POS system and activates the programmed operator permissions.

- ▶ Hold the operator key up to the operator lock.
- ▶ Enter the secret code if it is required.
- ▶ Press the <Enter> button to confirm and log in this operator.

The operator's name appears in the status display.

Log out

- ▶ Remove the key from the operator lock.

7.4. Working with guest checks (GC)

The "GC" function allows you to bill groups or individuals separately.

7.4.1. Opening a GC

In order to store GC bookings you first have to open a guest check.



GCs that already contain bookings but were not yet invoiced (open GCs), can be opened again with this function.

It depends on your operator rights whether you can just open your own GCs or those of other operators as well.

- ▶ Enter the number of the guest check.
- ▶ Press the <GC> button to open the guest check.

or

- ▶ Press the <Open GCs> button.

The list of open GCs is displayed.

- ▶ To re-open a GC, press on the respective entry in the list.

7.4.2. Booking items to a GC

- ▶ Open the GC to which you want to book the items, as described in Chapter 7.4.1 "Opening a GC" on page 37.
- ▶ Select a main group (food, drinks, other).
- ▶ Select a department.
- ▶ Choose the desired items from the selection list.

or

- ▶ If you want multiple items of the same type, you can enter the desired quantity using the keypad and then select the item.

The total for the selected items appears on the display.

7.4.3. Closing a GC



If you close a GC to which no items have been booked, it will not appear in the list of open GCs.

When you close a GC, the bookings for that GC are saved. There are several ways to close a GC.

► Press the <GC> button.

or

► Open a new GC, as described in Chapter 7.4.1 "Opening a GC" on page 37.

7.4.4. Finalizing a GC

Various media are available for finalization. You can select, for example, cash payment or credit card payment.

The GC is closed after finalization and no longer appears in the list of open GCs. The bookings are stored in the journal.

Depending on the selected configuration, a simple receipt or a personalized dining receipt is printed.

7.4.4.1. Cash payment

Example 1: The customer pays the exact amount.

► Open the GC that you want to finalize, as described in Chapter 7.4.1 "Opening a

GC" on page 37.

- ▶ Press the <Cash> button.

Example 2: Have the POS system calculate the change.

- ▶ Open the GC that you want to finalize, as described in Chapter 7.4.1 "Opening a GC" on page 37.
- ▶ Use the keyboard to enter the amount you received from the customer.



Note that you must enter the amount in cents here.
Example: €50 must be entered as 5000.

- ▶ Press the <Cash> button.

The amount you need to give back to the customer will appear.

7.4.4.2. Other media

- ▶ Open the GC that you want to finalize, as described in Chapter 7.4.1 "Opening a GC" on page 37.
- ▶ Press the <Payment> button.

The payment interface appears.

- ▶ Press the button of the desired media.

7.4.5. Billing groups or individuals separately



The GC split function can only be carried out if all items of the GC have been booked. Close the open GC, as described in Chapter 7.4.3 "Closing a GC" on page 38.

- ▶ Open the GC that you want to split, as described in Chapter 7.4.1 "Opening a GC"

on page 37.

- ▶ Press the <Payment> button.
- ▶ Press the <Split> button.
- ▶ In the window "open GC", press the items that you want to split.

This moves an item to the window "target GC/receipt".

- ▶ Once you have selected all the desired items, press the button for the desired media to invoice the split items.
- ▶ To open the registration interface press the <Back> button.

7.4.6. Splitting single items to another guest check



The "GC split" function can only be carried out if all items of the GC have been booked. Close the open GC, as described in Chapter 7.4.3 "Closing a GC" on page 38.

- ▶ Open the GC that you want to split, as described in Chapter 7.4.1 "Opening a GC" on page 37.
- ▶ Press the <Payment> button.
- ▶ Enter the number of the GC, to which the items are to be split.
- ▶ Press the <Split> button.

In the "target GC/receipt" window, you see the number of the GC, to which the items are to be split.

- ▶ In the window "open GC", press the items that you want to split.

This moves an item to the window "target GC/receipt".

- ▶ Once you have selected all the desired items, press the <GC> button.

The selected items will be split.

7.4.7. Moving all items to another GC



The "GC move" function can only be carried out if all items of the GC have been booked. Close the open GC, as described in Chapter 7.4.3 "Closing a GC" on page 38.

- ▶ Open the GC that you want to move, as described in Chapter 7.4.1 "Opening a GC" on page 37.
- ▶ Press the <Payment> button.
- ▶ Enter the number of the GC, to which the items are to be moved.
- ▶ Press the <Move> button.

All items of the open GC are moved to the selected GC.

7.4.8. Transferring GCs to another operator

Use the "Transfer GC" function to transfer a GC to another operator.

This function can be enabled optionally.

7.5. Working with hold buffers

The "Hold buffer" function allows several operators to work simultaneously at one POS system. The first operator opens a hold buffer, signs in and books the items. If a second operator wants to use the POS system in the meantime, they press a new hold sdfbuffer button, sign in and book the items. The operators' bookings are stored in the respective hold buffer until media finalization. This function can be enabled optionally.

7.6. Working with reports

Reports serve for evaluating data that was stored in the POS system.

With Vectron POS software you can create two types of reports, X-reports and Z-reports: Z-reports are final reports where the data is deleted from the booking memory. X-reports are interim reports in which the data is only retrieved.

7.7. Voiding bookings or the last entry

This function can be enabled optionally.

7.8. Print data server

Each POS system in the network can be programmed to function as a print data server in addition to its POS functions.

A print data server is used to receive print data from another POS system in the network, process it, and print it on a locally connected printer.

It is possible to set up multiple print data servers. For example, orders you enter at your POS 8 can be automatically printed in the kitchen. After checkout, the POS system at the counter can automatically print the invoice.

8. Service and maintenance

8.1. Cleaning

DANGER

Fatal electric shock due to ingress of liquids.

- ▶ Vectron POS 8 and the power supply unit must not be opened.
- ▶ Switch off the POS 8 prior to cleaning, as described in Chapter 10 "Shutdown" on page 46.

CAUTION

Aggressive cleansers can damage the housing surface.

- ▶ Do not use scouring powder or plastic-dissolving cleaning agents for cleaning.
 - ▶ Clean the device housing surfaces as needed with a soft, lint-free cloth. For heavier soiling, you can lightly dampen the cloth with water or a residue-free, mild cleaning agent.
-

8.2. Contact customer service

If you have questions about the POS 8 and peripheral devices, or if you need help with configuration and operation, your Vectron partner will be happy to assist you.

DANGER

Fatal electric shock due to improper repairs.

- ▶ Some components may contain high residual voltages that discharge upon contact.
 - ▶ Contact your Vectron partner if POS system components are damaged.
-

9. Malfunctions, possible causes, and troubleshooting

Malfunctions	Possible causes	Troubleshooting
The POS 8 cannot be turned on.	The power plug is not plugged into a live outlet.	Plug the power cord provided into a grounded outlet with an AC voltage between 110 and 240 volts that is protected by a ground fault circuit interrupter.
	The power supply unit's plug is not inserted into the POS 8's power connector.	Plug the power supply unit's plug into the POS 8's power connector.
	The On/Off button is defective.	Contact your Vectron partner.
	The power supply is defective.	Contact your Vectron partner.
	The POS 8 is defective.	Contact your Vectron partner.
The POS 8 is not responding to your inputs.	The logged-in operator does not have the necessary permissions to perform the desired function.	Contact your Vectron partner.
	The Vectron POS software is malfunctioning.	Restart the POS 8 as described in Chapter 7.1.3 "Restarting the POS 8" on page 31.
	The POS 8 is programmed and configured incorrectly.	Contact your Vectron partner.
	The touchscreen is defective.	Contact your Vectron partner.
	An incorrectly installed peripheral module (e.g., operator lock) interferes with the touchscreen's operation.	Install the peripheral module correctly. Refer to the corresponding installation instructions for the correct installation procedure.
	The POS 8 was turned off with the operator key inserted, and then the operator key was removed.	Restart the system with the operator key inserted, or delete the hold buffers in the programming.

Malfunctions	Possible causes	Troubleshooting
The POS 8 is not displaying anything on the screen.	The POS 8 is turned off.	Press the On/Off button as described in Chapter 7.1.1 "Turning on the POS 8" on page 30.
	The screen saver is active.	Touch the touchscreen with a finger or a touch pen.
	The Vectron POS software is malfunctioning.	Contact your Vectron partner.
	The power supply is defective.	Contact your Vectron partner.
	The POS 8 is defective.	Contact your Vectron partner.
The POS 8 is processing inputs other than those entered on the touchscreen.	The Vectron POS software is malfunctioning.	Restart the POS 8 as described in Chapter 7.1.3 "Restarting the POS 8" on page 31.
	The POS 8 is programmed and configured incorrectly.	Contact your Vectron partner.
	The touchscreen is defective.	Contact your Vectron partner.
The POS 8's audio output is not working.	The internal speaker is defective.	Contact your Vectron partner.
	Sound playback has not been programmed and configured.	Contact your Vectron partner.
You cannot log in to the POS 8 with the operator key.	The operator lock has not been programmed and configured.	Contact your Vectron partner.
	The operator lock or the operator key is defective.	Contact your Vectron partner.

10. Shutdown

Shut the POS 8 down if you will not be using the POS system for an extended period of time.

- ▶ Briefly press the on/off button to turn off the POS 8.



Fig. 11: Turning POS 8 on/off

- ▶ Unplug the power cord from the outlet.
- ▶ Disconnect all cables connected to the POS 8.
- ▶ Store the POS 8 in a room where the temperature is between -20°C and 60°C.

11. Disposal

Directive 2012/19/EU (WEEE)



Waste electrical and electronic equipment must not be disposed of with household waste. Vectron Systems AG takes back waste electrical and electronic equipment manufactured by it or on its behalf for commercial use. It disposes of the waste electrical and electronic equipment properly. The legal take-back obligation applies to devices placed on the market after August 13, 2005. Notwithstanding this, Vectron Systems AG extends the take-back to all devices placed on the market since January 1, 2004.

Please send the waste electrical and electronic equipment manufactured by Vectron Systems AG and on its behalf, along with their accessories, in the original packaging marked "Waste Equipment Disposal" freight prepaid to Vectron Systems AG.

WEEE Reg. No. DE 91733199

12. Glossary

This chapter explains the terms used in connection with the POS 8.

Term	Definition
Booking memory	A memory that stores every booking of the operators
Button	A button programmed into the POS system that triggers commands.
GC server	A POS system that handles central guest check management within the network
Icon	An icon is a graphic displayed on the user interface. By touching icons, functions of the Vectron POS software are activated.
Media finalization	Method for finalizing an invoice. Media include, for example, cash payments and credit card payments
Payment interface	The interface displayed on the screen. Here you can make payments using different media.
Point Of Sale (POS)	A place where something is sold. In this context, a cash register station.
Registration interface	The interface displayed on the screen. Using the register interface, you can do things like book items to guest checks.
Touchscreen	Input device that triggers functions in the POS system when an operator touches the buttons on the screen.
User interface	The collection of display elements and buttons arranged on the screen to display information or perform functions.
X-Report	Interim report in which the data is not deleted from the booking memory.
Z-Report	Final report in which the data is deleted from the booking memory.

13. Icons

Icons are graphics that symbolize specific functions. They mark defined areas on the screen, which are referred to as buttons.

Functions are activated and items are selected by touching the buttons on the POS 8 screen.

This chapter lists the icons integrated into the Vectron POS software and explains their meanings. Additionally, further icons can be downloaded.

Icon	Meaning
	New record
	Centered
	Left-aligned
	Right-aligned
	Backspace
	Field down
	Cursor left

Icon	Meaning
	Cursor right
	Field up
	Send data
	Delete record
	Page down
	Field left
	Field right
	Page up
	Go to record
	Editor
	Enter

Icon	Meaning
	Selection
	Print
	Move
	Fixed size
	Back
	Table/mask
	Text search
	Shift
	Mode
	Mark
	Font size

Icon	Meaning
	Fixed position
	Save
	Load
	Previous record

14. EU Declaration of Conformity

Manufacturer	Vectron Systems AG Willy-Brandt-Weg 41 D-48155 Münster
Device type	Stationary POS system
Type designation	Vectron POS 8

The manufacturer declares that the above-mentioned product complies with the essential safety requirements set forth in the Council Directives on electrical and electronic equipment, in accordance with Directive 2001/95/EC. The following test standards, which are harmonized under the relevant directives, were used for the assessment:

Directive	Test standard	
2014/30/EU EMC Directive	EN 55032:2015+A11:2020 Class A	
	BS EN 55032:2015+A11:20 Class A	
	AS/NZS CISPR 32:2015+AMD1:2020 Class A	
	EN IEC 61000-3-2:2019+A2:2024 Class D	
	BS EN IEC 6100-3-2:2019+A2:2024 Class D	
	EN 61000-3-3:2013+A2:2021+AC:2022-01	
	BS EN 61000-3-3:2013+A2:2021+AC:2022-01	
	EN 55035:2017+A11:2020	
2014/35/EU Low Voltage Directive	BS EN 55035:2017+A11:2020	
	IEC 62368-1:2014 (Second Edition)	
	EN 62368-1:2014+A11:2017 (Second Edition)	
2014/53/EU Radio Equipment Directive (RED)	BS EN 62368-1:2014+A11:2017 (Second Edition)	
	ETSI EN 300 328 V2.2.2 (2019-07)	EN IEC 62311:2020
	ETSI EN 301 893 V2.1.1 (2017-05)	BS EN IEC 62311:2020
	ETSI EN 300 440 V2.1.1 (2017-03)	EN 50364:2018
ETSI EN 300 330 V2.1.1 (2017-02)		BS EN 50364:2018

Directive	Test standard
2011/65/EU Restriction of the use of certain hazardous substances (RoHS)	EN 50581:2012

This declaration is issued on behalf of the manufacturer based in the European Union. Certification was granted on June 16, 2025

Münster, May 11, 2026



Thomas Stümmler
Vorstand



Dr. Rolf Peter Simon
Vorstand

15. Accessories

We would like to draw your attention to the accessories available for the POS 8.

Further information and technical specifications on the accessories can be found online at www.vectron.de.

If you have any questions about our products, please contact your Vectron partner.

15.1. Scanner S1 POS 8

The Scanner S1 POS 8 can be used to scan loyalty cards, receipts, etc.



Fig. 12: Scanner S1 POS 8

15.2. Customer display C11 POS 8

The C11 POS 8 customer display shows customers information about special offers,

invoice details, and the digital receipt.



Fig. 13: Customer display C11 POS 8

15.3. Operator lock systems

You can log in to the POS 8 using an operator lock system. Various operator lock systems can be mounted on the POS 8.

15.3.1. Lock L1 POS 8



Fig. 14: Lock L1 POS 8

15.3.2. Lock L2 POS 8

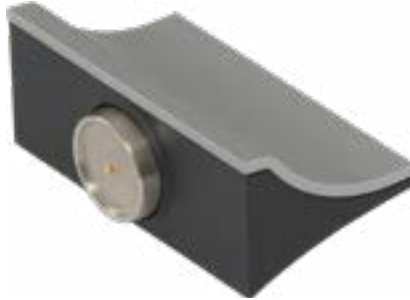


Fig. 15: Lock L2 POS 8

15.3.3. Serial adapter cable

Cable for using peripherals with Vectron pin assignment



Fig. 16: Serial adapter cable

16. Other Vectron products

We would like to take this opportunity to draw your attention to other Vectron products. For more information and technical specifications on Vectron products, please visit www.vectron.de.

For any questions regarding our products, please contact your Vectron partner.

16.1. Stationary Vectron POS systems

Stationary Vectron POS systems with fast and reliable Vectron hardware are ideal for single-station use.

Their special feature as a server also enables data exchange with other stationary and mobile Vectron POS systems.

You will find the ideal Vectron POS system for every application in our extensive product range.

16.1.1. Vectron POS 7

A full-featured, modular POS system available in standing and VESA versions, as well as a PC version. The operator lock, scanner, and customer display can be mounted on the housing. Inputs can be made via the touchscreen.



Fig. 17: Vectron POS 7

16.1.2. Vectron POS Life

Compact, full-featured POS system with an integrated printer and customer display, making it an all-in-one solution; particularly suitable for stand-alone solutions. Inputs can be made via the touchscreen.



Fig. 18: Vectron POS Life

16.2. Mobile solution

16.2.1. Vectron POS M4 Pay

Mobile POS system with payment functionality, allowing for direct table-side transactions. Printers can be connected via Wi-Fi. Inputs can be made via the touch-screen.



Abb. 19: Vectron M4 Pay

16.3. Software

16.3.1. Vectron Mobile App

The POS app for hospitality professionals is so easy to use that you'll be familiar with all its features in just a few minutes. At the same time, this POS app offers all the convenience you need for mobile checkout.



Fig. 20: Vectron Mobile App

16.3.2. Vectron Commander

Vectron Commander is the communication and analysis software for Vectron POS systems. The software can be used on computers running the Microsoft® Windows® operating system.

Using Vectron Commander, you can access, analyze, and manage data from Vectron POS systems. With this software, you can get an overview of your sales, orders, and

employees' working hours.

Data can be sent to and received from multiple POS systems simultaneously.

Vectron Commander includes integrated user rights management, allowing you to assign individual permissions to each user.

With Vectron POS Anywhere, you can, for example, connect to POS systems via a network or modem, control them remotely, and monitor operations.

Vectron Commander can be used as an interface between third-party software, such as inventory management systems, and Vectron POS systems.

16.3.3. Vectron Journal Tool

The Vectron Journal Tool is an evaluation, archiving, and analysis tool for the journal data from POS systems read out using the Vectron Commander.

Businesses across all industries benefit equally from its extensive features. All sales transactions and promotions are displayed in detail.

For each receipt, the associated transactions (e.g., subtotal GC, split receipt, invoice) are identified and displayed.

The software can be installed on standard PCs using a Microsoft SQL database.

16.3.4. Vectron POS PC

Vectron POS PC is software that can be run on computers with the Microsoft® Windows® operating system.

This software can be used alongside standard Windows applications such as email, Office, and inventory management applications.

The Vectron POS PC software is compatible with all mobile and stationary Vectron POS systems, the Vectron Commander, and the Vectron Journal Tool.

16.3.5. Digital Cloud Services

Digital cloud services are offered under the brand names myVectron and bonVito. The range extends from loyalty and payment functions to online reservations and online reporting. All services are directly connected to the POS system.