

https://verifone.cloud/docs/sca-functional-specification/media_specifictn/ui_neo_device/disp_scrn_ui_neo2_devc_m425a

Updated: 23-Jun-2025

M425-A - User Interface

Idle Screen

The Idle Screen displays upon device power up, after reboot, and after transaction completion. SCA supports the following merchant controlled media areas: Idle Screen Video, Idle Screen Animation, and Idle Screen Full Image.



Note

Refer to [Neo/Neo2 Devices Screen Resolution](#) for more information on Idle screen resolutions and media files.

Line Items Screen

The Line Item Screen displays when the POS sends start transaction message or interactively as the POS scans line items. The key line item display fields are:

Description

Display

- Quantity
- Description
- Unit Price
- Extended Price
- Running Tax Total
- Running Sub Total (optional)
- Coupons or Discounts

Items		
1	Baseball	\$5.98
4	Golf Balls \$.49	\$1.96
8	Golf Tees \$.25	\$2.00
Coupon Redeemed -(\$.75)		
Tax		\$.77
Total:		\$9.83

The Line Item Screen advertising area allows a number of images to be displayed in a sequential order.

Note

Refer to [Neo/Neo2 Devices Screen Resolution](#) for more information on Line Item screen resolutions and media files.

Display

Description

07:12

Line Items	Qty	Line Total
#1 Combo Meal	1	\$ 5.00
#1 Combo Meal	1	\$ 5.00
EmpDisc		\$ 2.00
10ffAnyPurch		\$ 1.00
Discount		\$ 999,999.99
Sub Total		\$ 999,999.99
Tax		\$ 999,999.99
Total		\$ 999,999.99

verifone

WELCOME

Line Item (Split screen): Line Item Screen with advertisement area image. The Line Item Display advertising area can be configured to include consumer selection options.

07:24

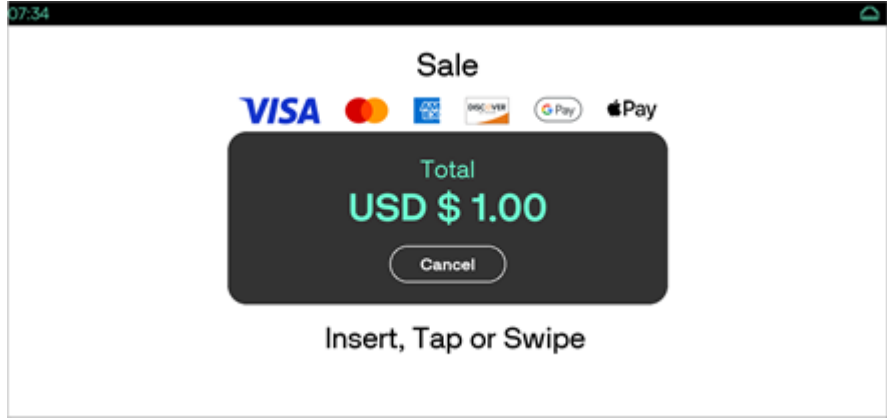
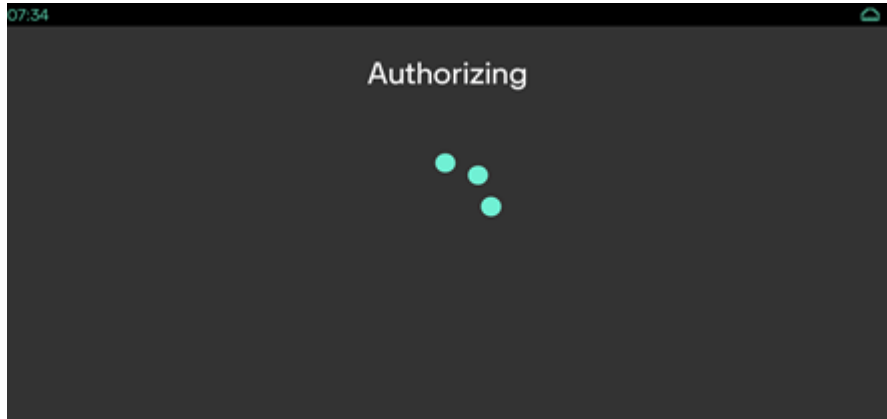
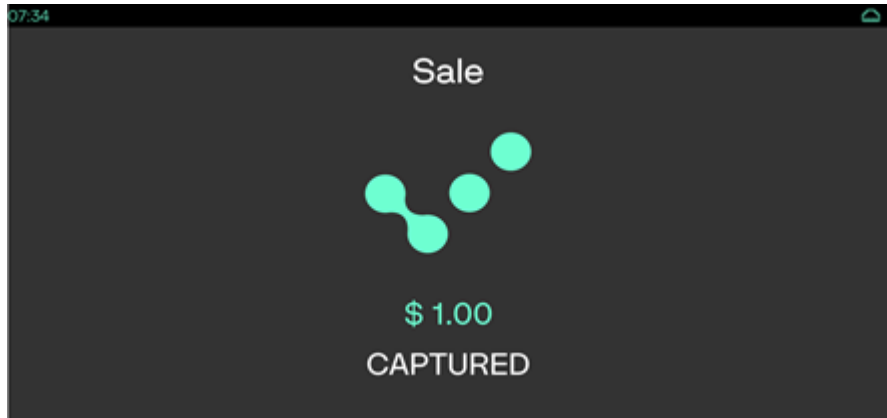
Line Items	Qty	Line Total
#1 Combo Meal	1	\$ 5.00
#1 Combo Meal	1	\$ 5.00
EmpDisc		\$ 2.00
10ffAnyPurch		\$ 1.00
Discount		\$ 999,999.99
Sub Total		\$ 999,999.99
Tax		\$ 999,999.99
Total		\$ 999,999.99

Line Item (Full screen): Line Item Screen without advertisement area image.

Transaction Flows

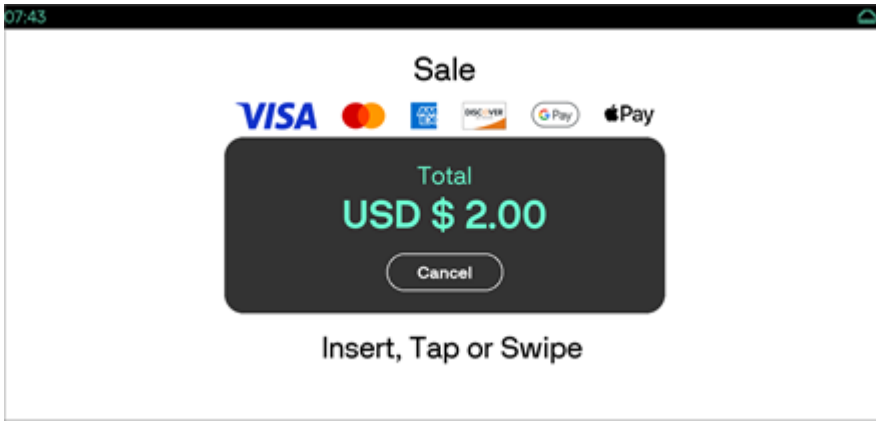
Sale (EMV CT and CTLS with Quick chip enabled)

Sale - Tap

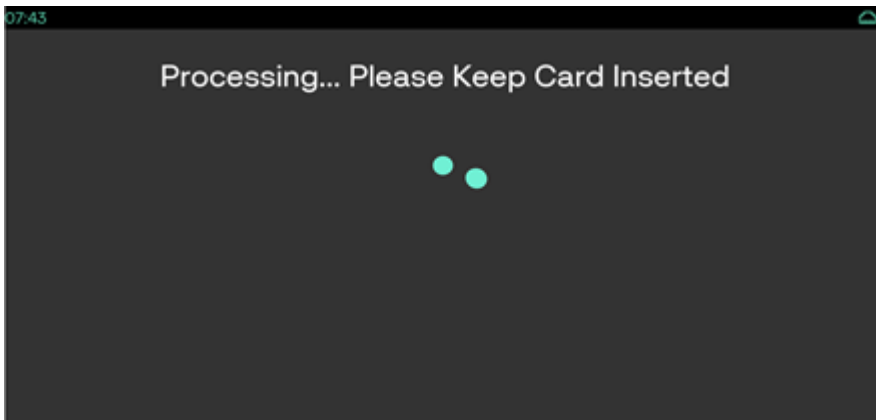
Display	Description
	Select the card entry mode: Tap
	Authorization in progress screen.
	Transaction is approved screen. After the transaction is complete, the device will return to the Idle Screen.

Sale - Insert

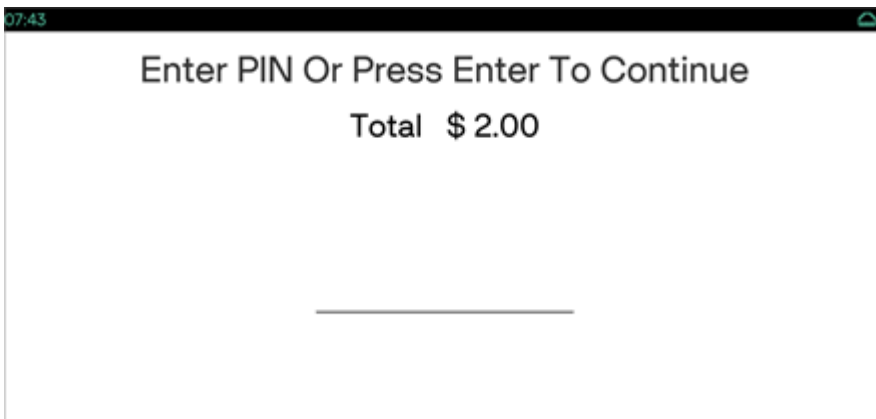
Display	Description
---------	-------------



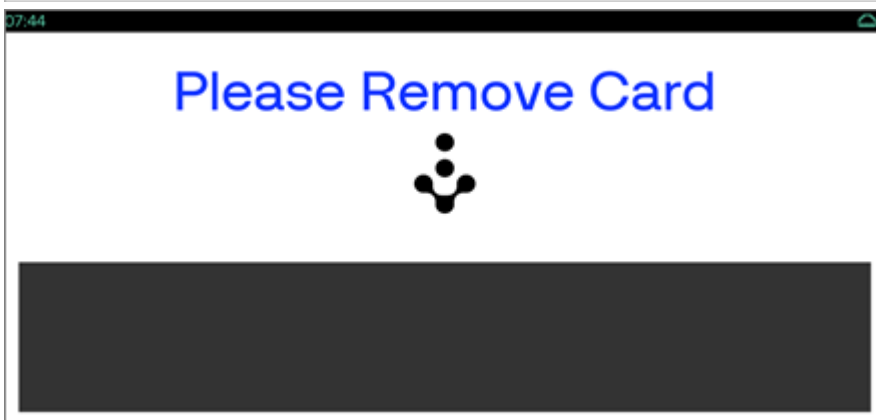
Select the card entry mode: Insert or Swipe.



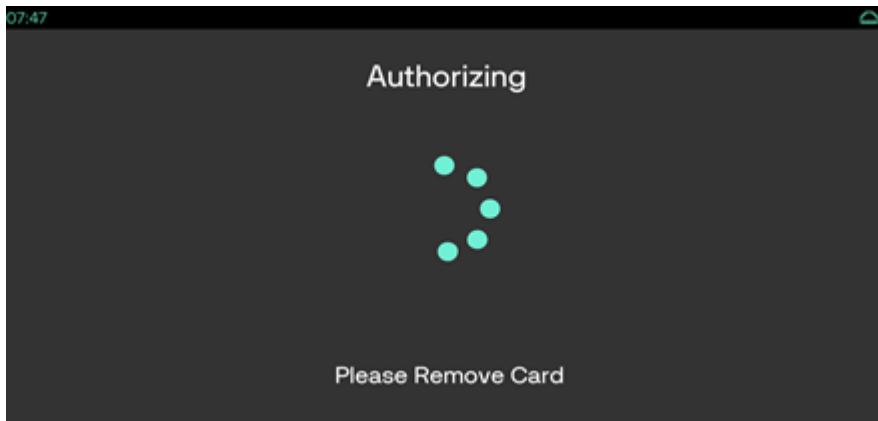
Processing screen and card should be inserted.



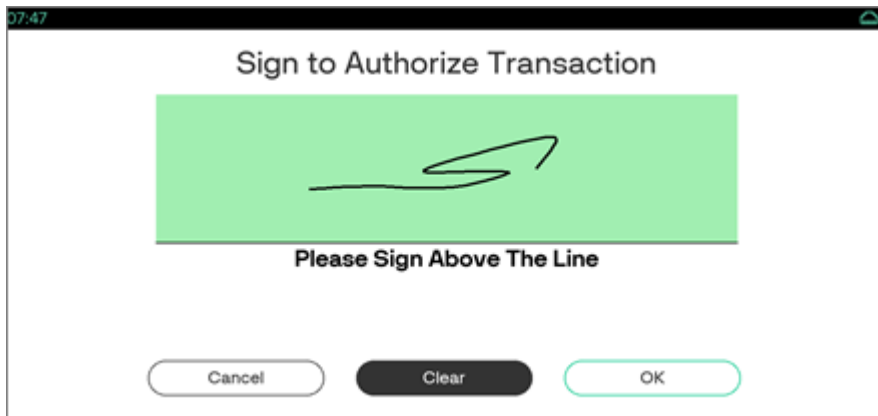
Tap the text box for keyboard input and type the PIN or press the Enter key to continue to next screen.



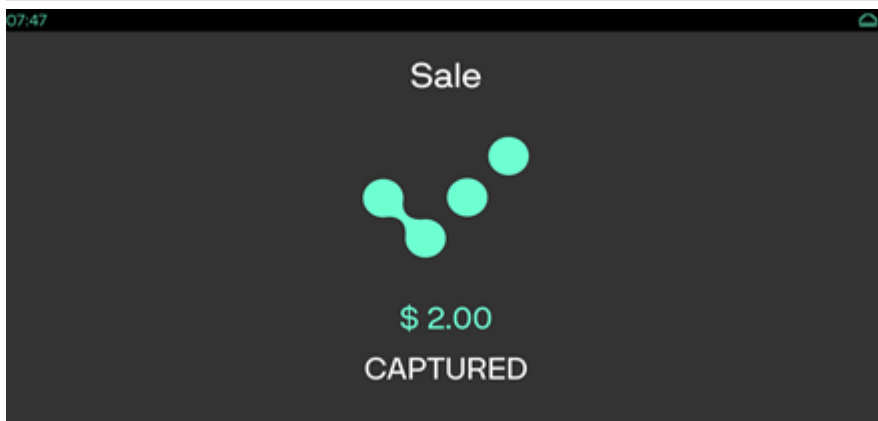
Authorization in progress screen.



The transaction is completed, and the card can be removed. After the card is removed the status screen is displayed, until the next command is sent.



This is the Status screen as Sale Approved.



This is the Status screen as Sale Approved.

Additional Sale Screens

Manual Entry - For the transactions with manual card entry, following are the additional screens to gather card details.

After three failed card swipe attempts, SCA will display 'Please Wait for the Cashier'. If the merchant configuration is enabled, then the device may next prompt for manual card entry.

Display

Description

08:00

Enter Account Number

Sale

USD \$ 3.00

Tap the text box for keyboard input and type card number.

08:01

Enter Account Number

Sale

USD \$ 3.00

Press the green Enter key on the device keyboard to proceed to Card Type selection screen.

08:02

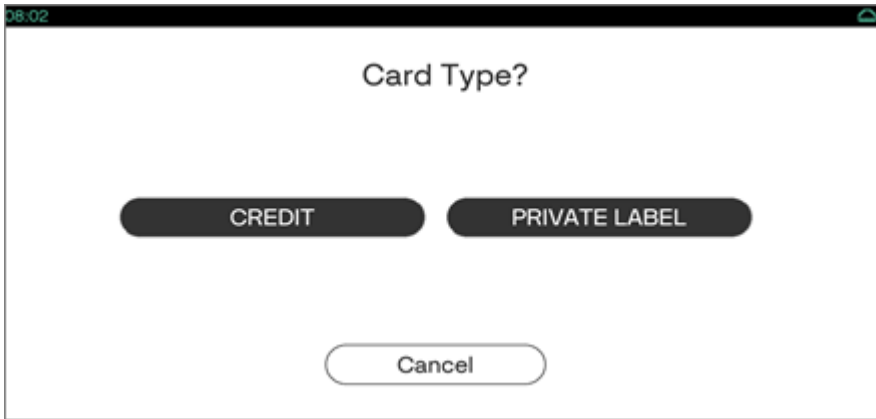
Enter Expiry (MMYY)

Tap the text box for keyboard input and type the expiration date in MMYY format. Press the green Enter key on the device keyboard. The device will next prompt for CVV Number.

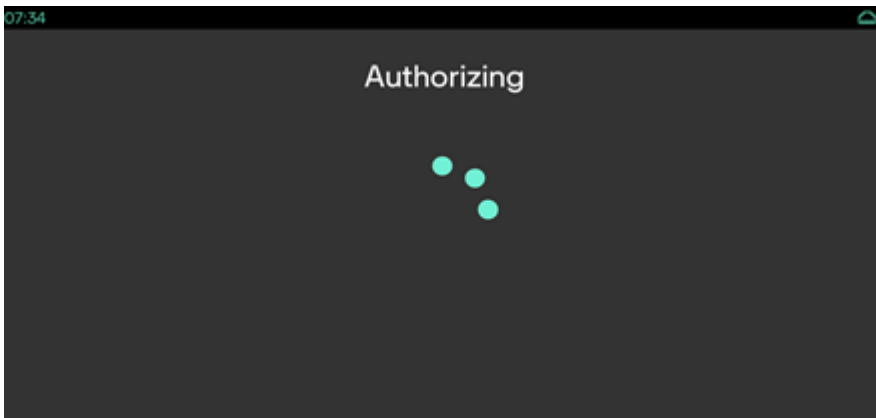
08:02

Enter CVV

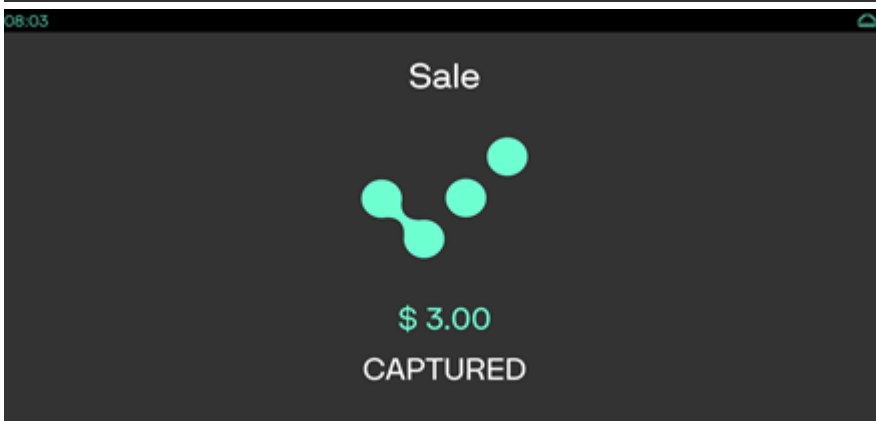
Tap the text box for keyboard input and type the Security Code. Press the green Enter key on the device keyboard.



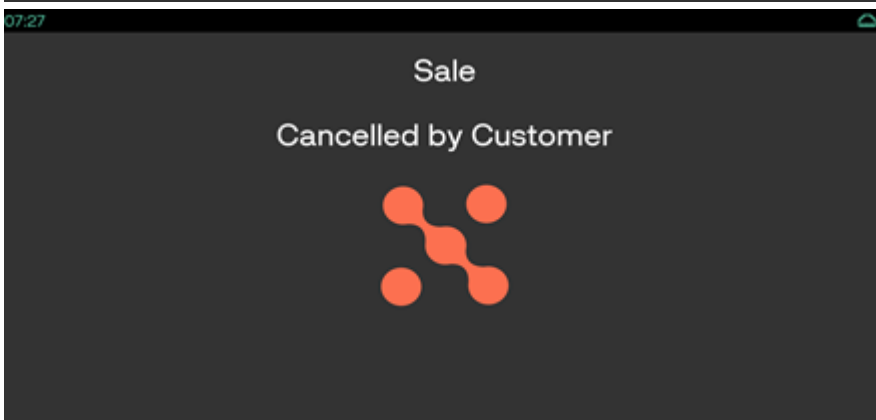
Select the Card type and proceed to next screen.



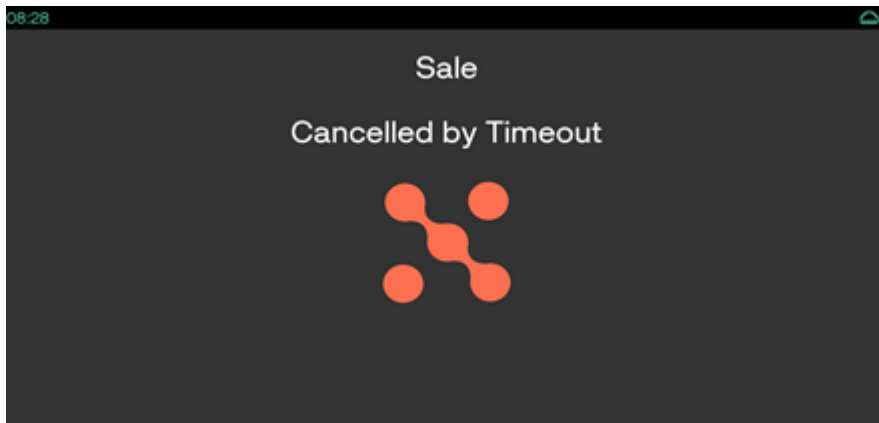
Authorization in progress screen.



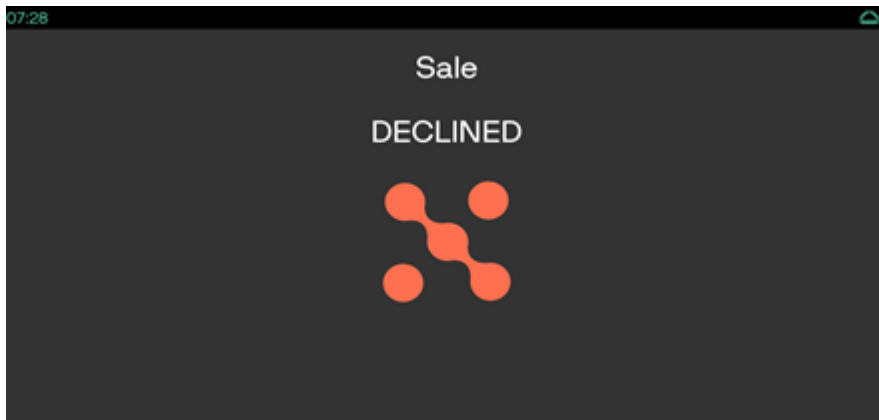
This is the Status screen as Sale Approved.



Cancel by Customer - This screen will be displayed if the transaction is cancelled manually at any point.



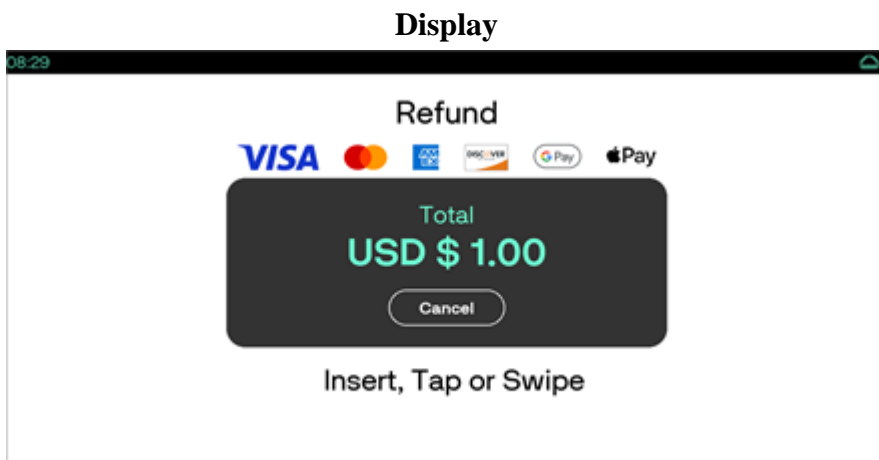
Cancel by Timeout - This is the Status screen if the Sale is cancelled due to Time out.



Sale Declined - This is the Status screen if the Sale is declined.

Refund

Refund - Tap

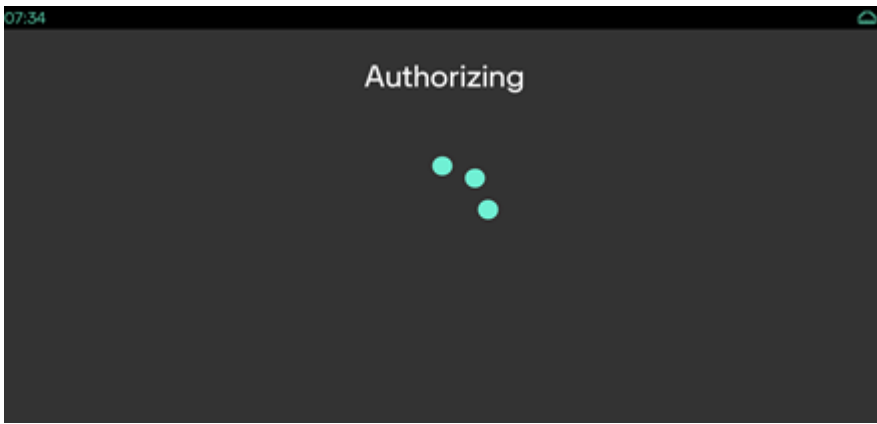


Description

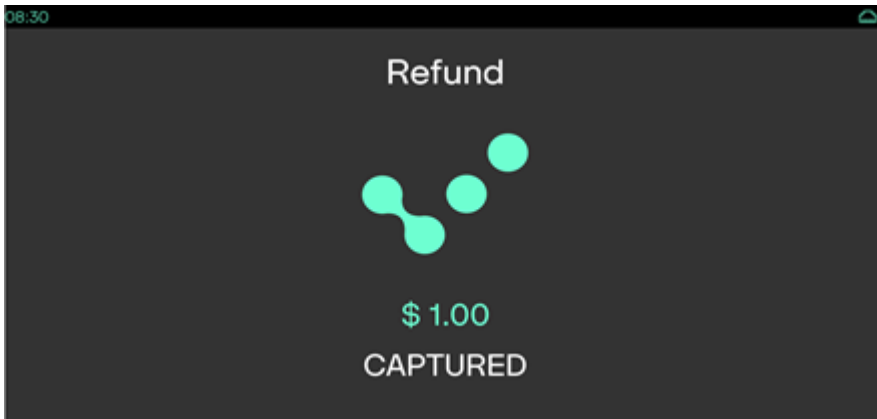
Select the card entry mode: Tap

Display

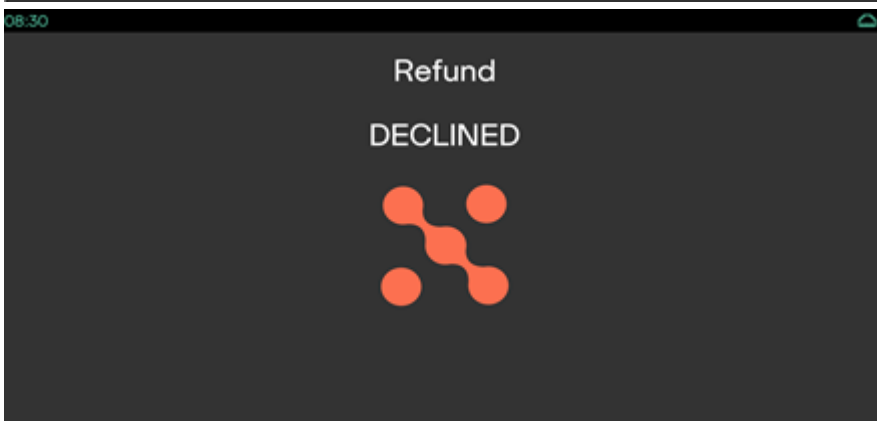
Description



Authorization in progress screen.



Transaction is approved screen. After the transaction is complete, the device will return to the Idle Screen.

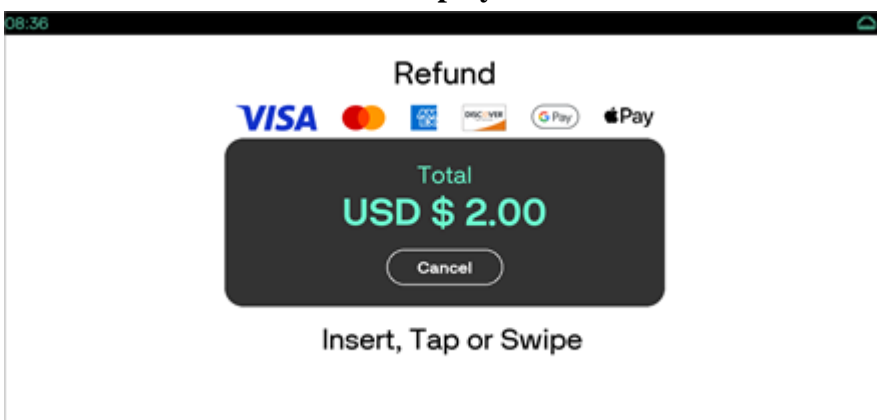


This is the status screen as Refund Declined if the transaction is not approved.

Refund - Insert

Display

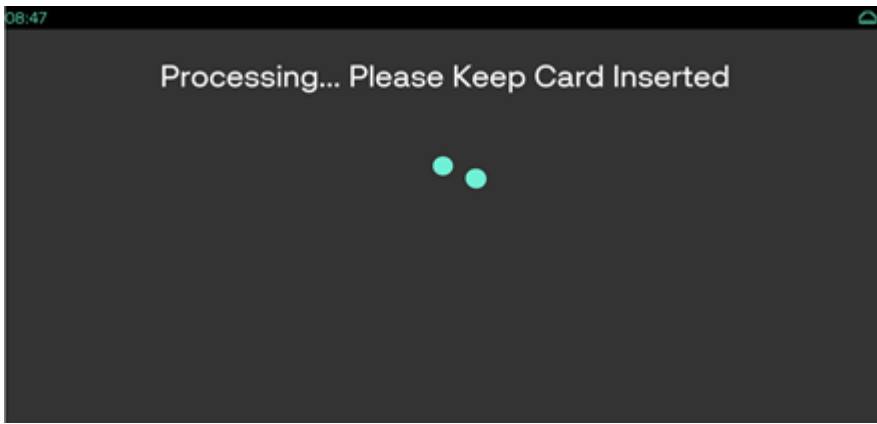
Description



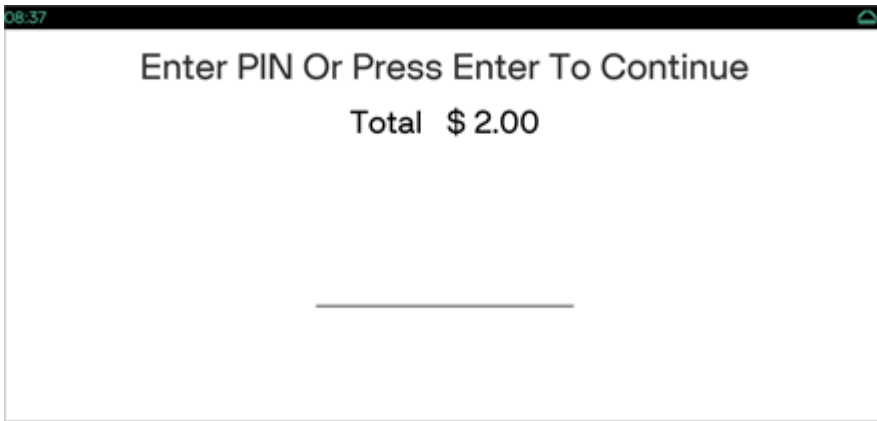
Select the card entry mode: Insert or Swipe.

Display

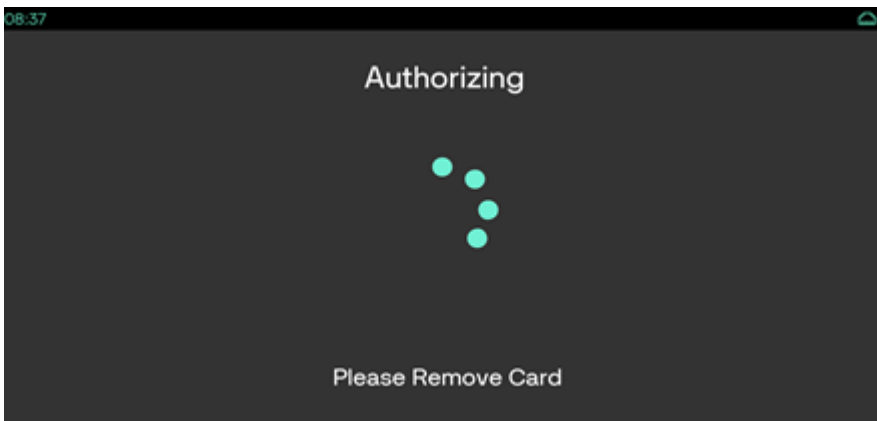
Description



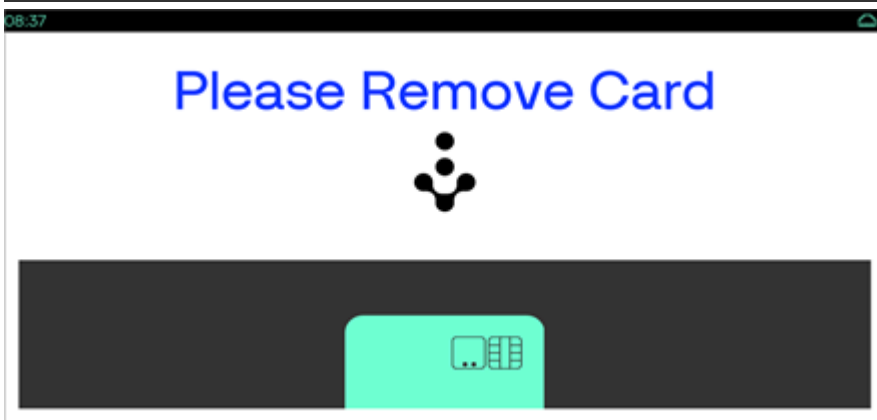
Processing screen and card should be inserted.



Tap the text box for keyboard input and type the PIN or press the Enter key to continue to next screen.



Authorization is in progress screen.



The transaction is completed, and the card can be removed. After the card is removed the status screen is displayed, until the next command is sent.

Display

Description

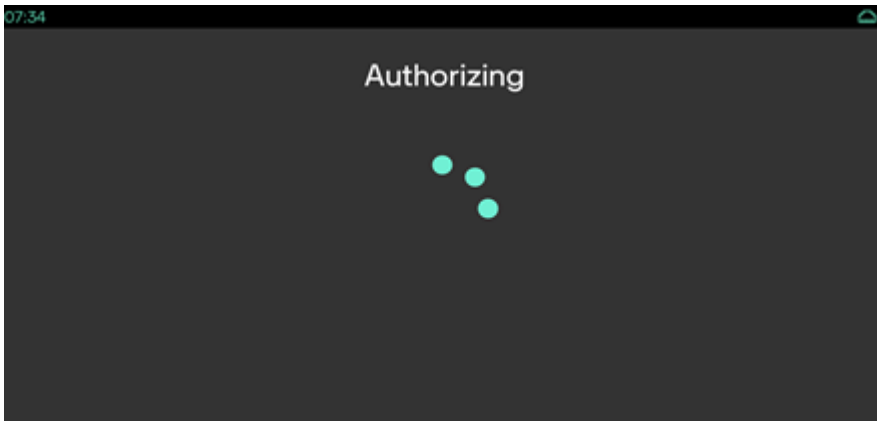


This is the Status screen as Refund Approved.

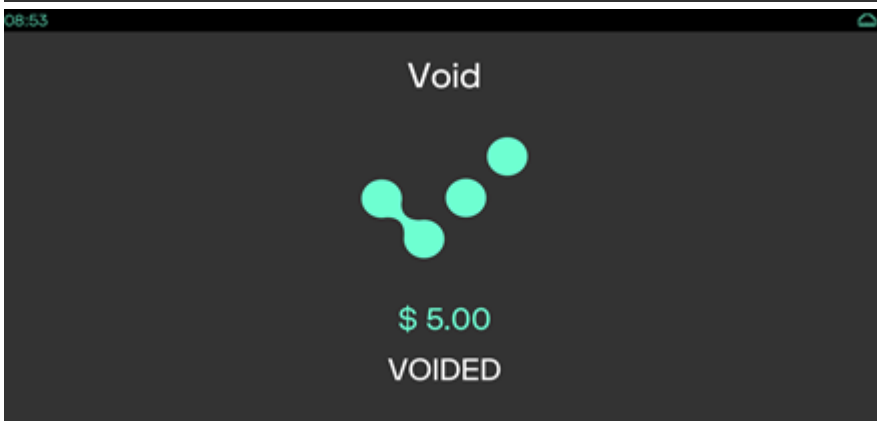
Void

Display

Description



Void transaction is processed, and authorization is in progress screen.



This is the Status screen as Voided (success).



Void declined status screen.

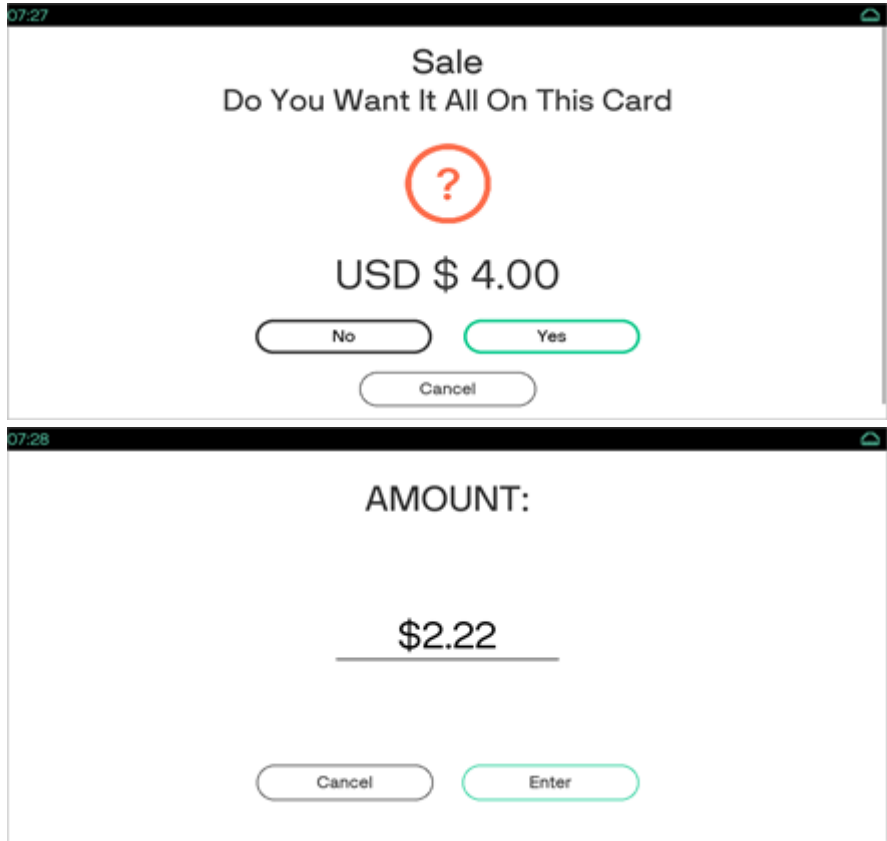
Optional Screens

Optional Screens are displayed during the Sale flow and these screens can be configured based on required parameters.

Welcome Screen

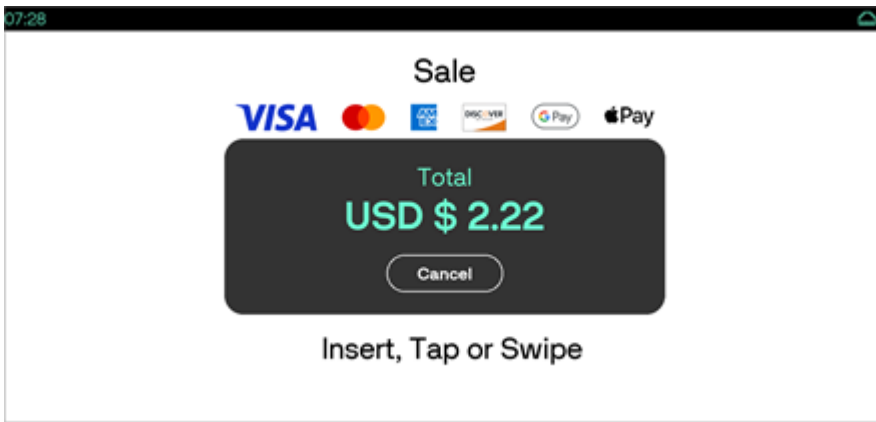
Display	Description
	This is the screen within the session when LINEITEMDISPLAY parameter should be set to 0 (disabled) and pre-swipe (SWIPE_AHEAD) field should be sent as 0 (disabled) in Start session command.

Split Tender

Display	Description
	<p>Option to choose if the amount would be divided to two cards.</p> <ul style="list-style-type: none">• Select No to enter the partial amount to pay.• Select Yes to pay full amount in one card, and Card Read screen would be displayed. <p>Enter the amount.</p>

Display

Description

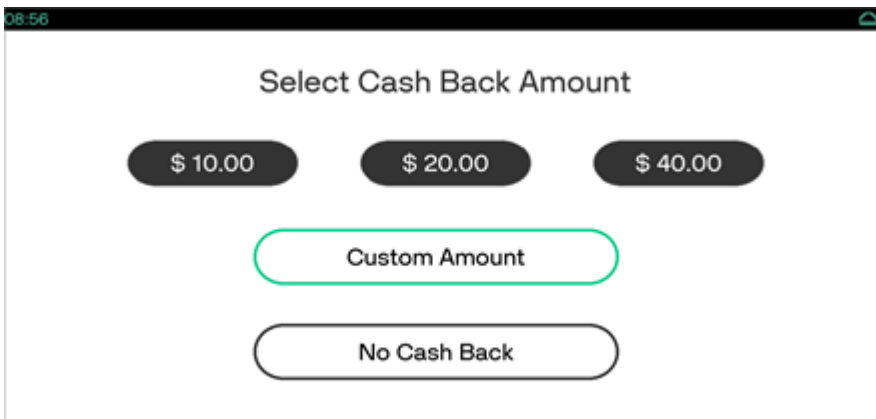


Card Read screen.

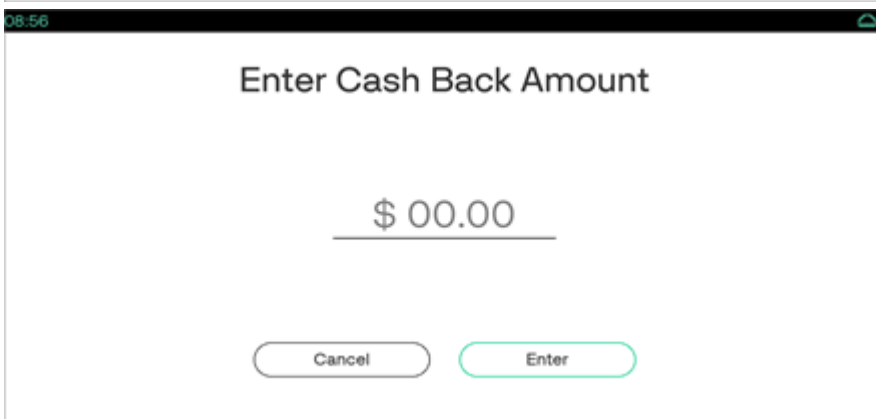
Cash Back

Display

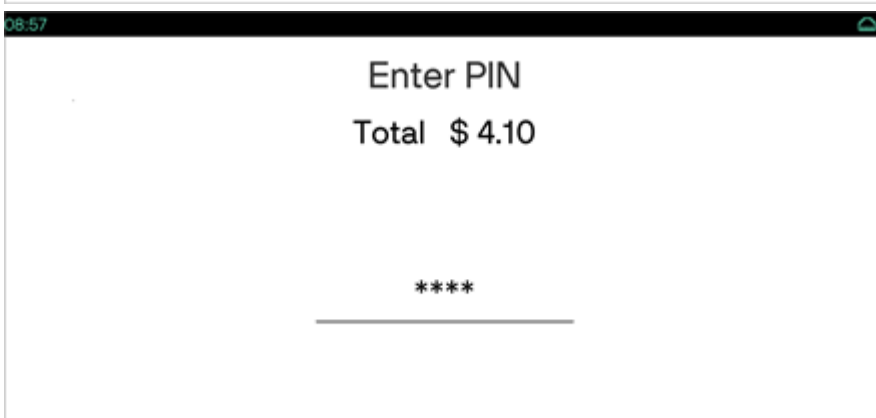
Description



Select any Cashback amount or No Cash Back option. This selection will prompt for Enter PIN screen. If Other option selected, then Enter Cash Back screen will be prompt.

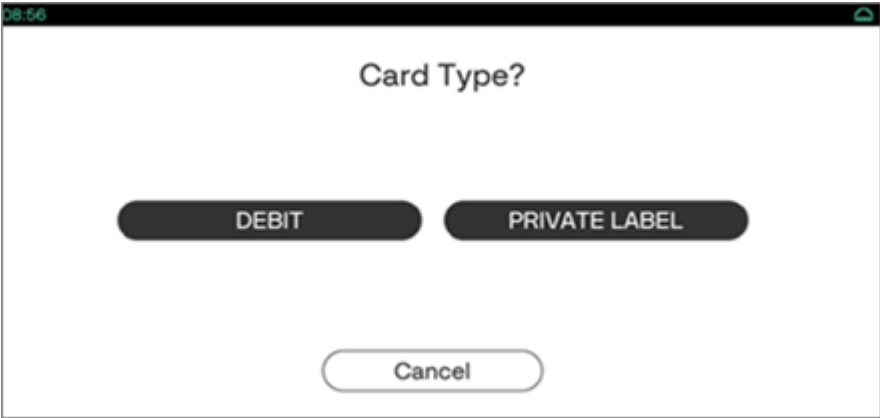


Enter the cashback amount and press OK.

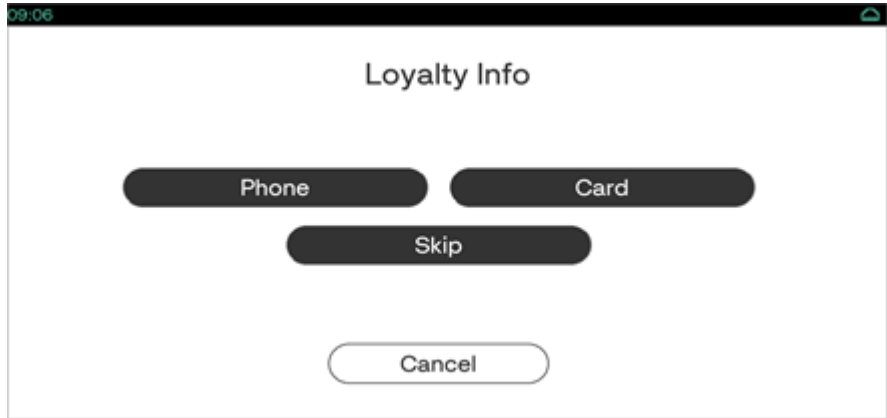


Enter the PIN and press Enter key to prompt for Card Entry screen.

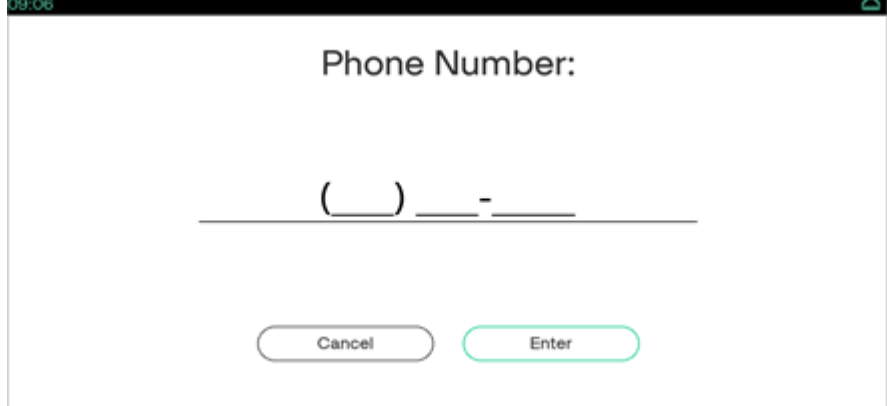
Card Type/Payment Type Selection

A mobile app screen titled "Card Type?". It features two dark grey buttons with white text: "DEBIT" on the left and "PRIVATE LABEL" on the right. Below these buttons is a white button with a grey border and the text "Cancel". The screen has a black status bar at the top showing the time "08:56" and a green lock icon on the right.

Loyalty Entry Method

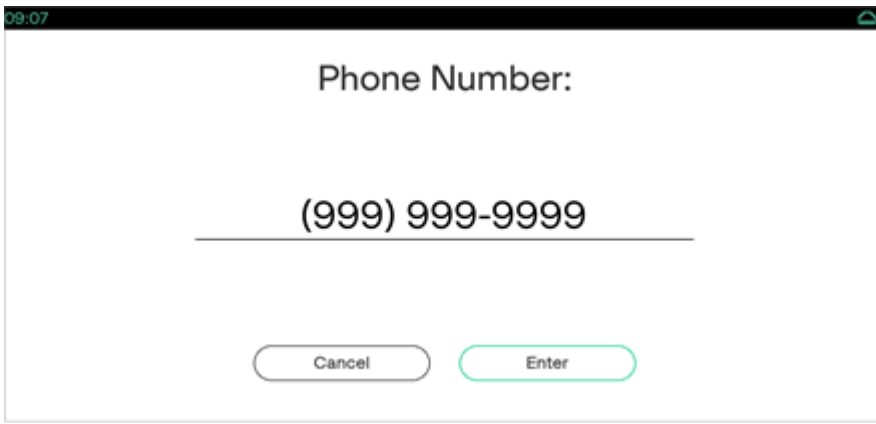
Display	Description
	Select Phone option to enter phone number or select Card option to go to Loyalty Card for card swipe or entering account number. Select Skip if Loyalty Entry Method is not required.

Phone Number

Display	Description
	Tap the text box for keyboard input and type the phone number.

Display

Description



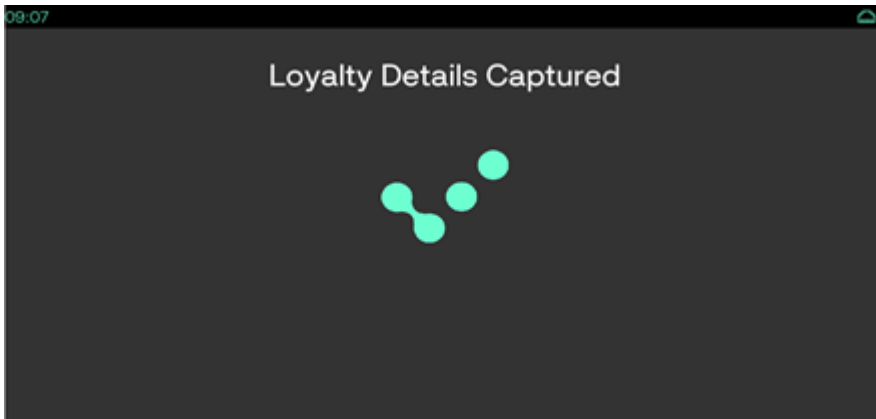
09:07

Phone Number:

(999) 999-9999

Cancel Enter

Press Enter to process.

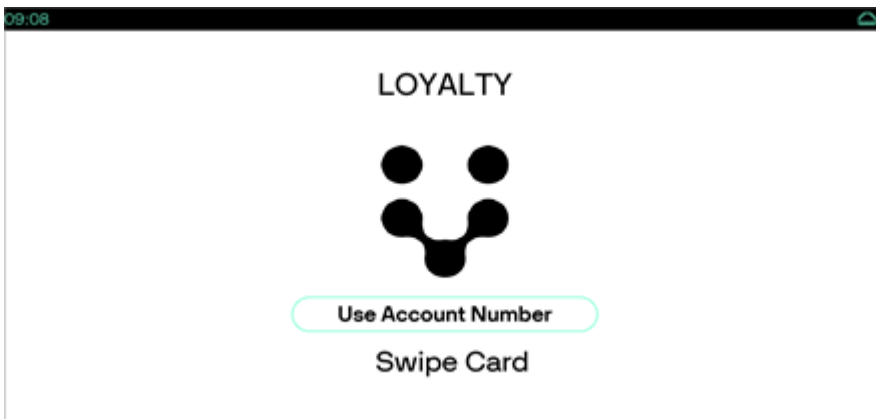


Status screen as Loyalty details captured.

Loyalty Card

Display

Description



09:08

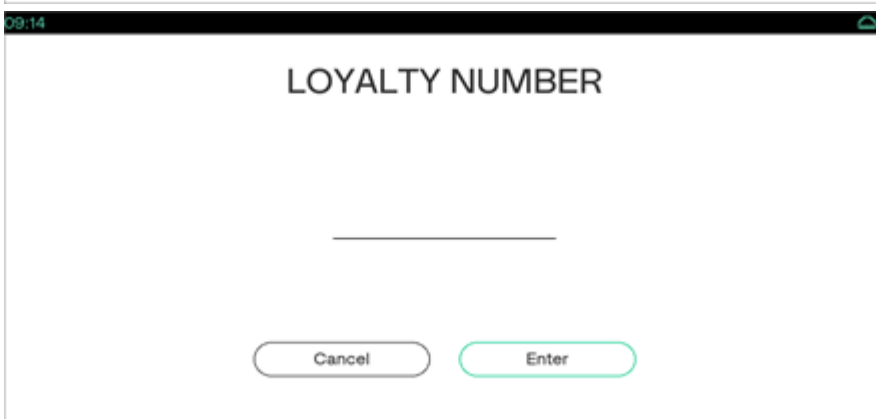
LOYALTY

A graphic consisting of four black circles arranged in a diamond shape.

Use Account Number

Swipe Card

Tap the text box for keyboard input to type the account number or Swipe the card.



09:14

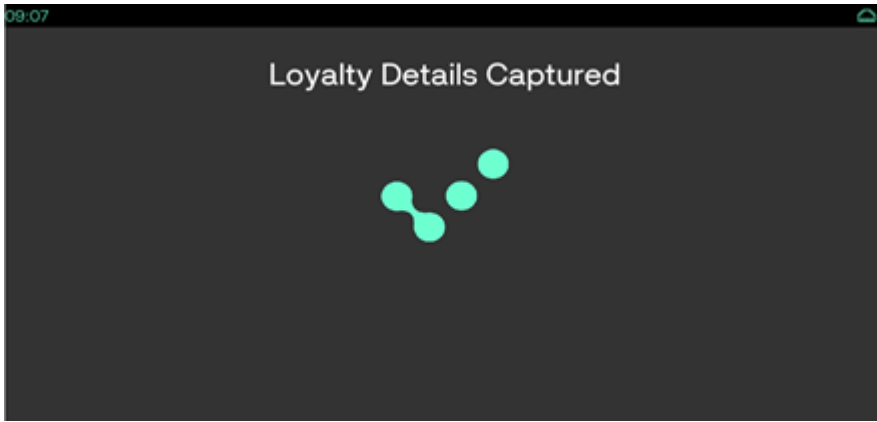
LOYALTY NUMBER

Cancel Enter

Enter the account number if you selected **Use Account Number**.

Display

Description

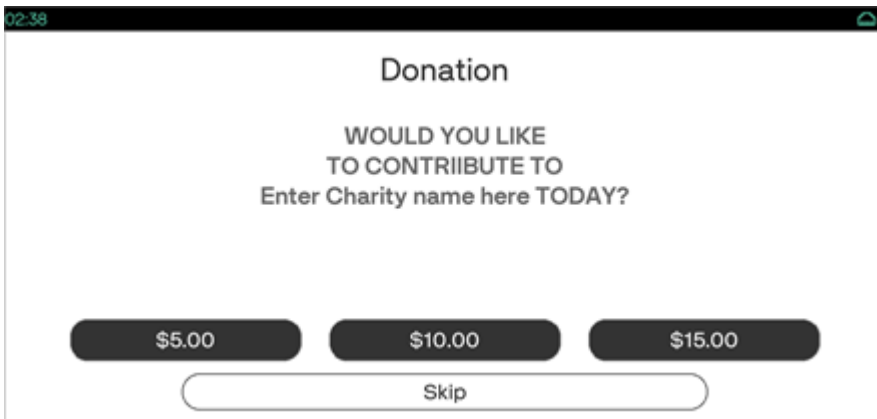


Status screen as Loyalty details captured.

Device Command Screens

Display

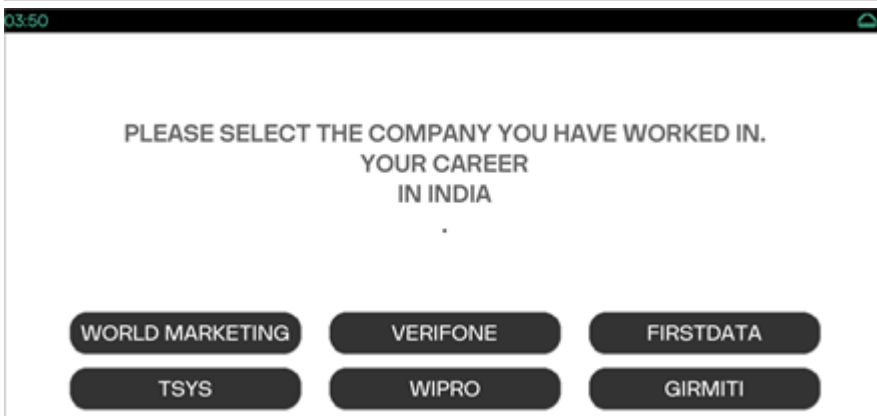
Description



Charity Donation.



Customer Question.



Customer Button.

Display

Description

03:52

HOW WOULD YOU RATE YOUR
SERVICE TODAY WITH 5 BEING
BEST AND 1 BEING WORST

1 2 3 4 5

Skip Submit

Customer survey 5.

03:55

HOW WOULD YOU RATE YOUR
SERVICE TODAY WITH 10 BEING
BEST AND 1 BEING WORST

1 2 3 4 5 6 7 8 9 10

Skip Submit

Customer survey 10.

04:06

PLEASE ENTER YOUR NAME

DAVID

Cancel Submit

q w e r t y u i o p
a s d f g h j k l
[Tab] z x c v b n m [Enter]
[X] 123 [!@#] [] [.] [?@]

Credit Application - Tap the text box for keyboard input to type the name.

04:07

PLEASE ENTER YOUR PHONE NUMBER

() -

Cancel Submit

Credit Application - Tap the text box for keyboard input to type the phone number.

Display

Description

04:08

PLEASE ENTER YOUR PHONE NUMBER

(999)999-9999

Cancel Submit

Credit Application - Once the number is added then press Enter.

04:08

PLEASE ENTER YOUR GROSS INCOME


\$ 255.55

Cancel Submit

Credit Application - Tap the text box for keyboard input to type the gross income and press Enter to confirm and the data will be processed as shown below.


04:08

Processing...Please Wait



Credit Application - Details processing.

06:49

Line Items	Qty	Line Total
<input type="checkbox"/> Buy 1 Get 1 on Pizzas		
<input type="checkbox"/> Get 30% Discount		
<input type="checkbox"/> Pay using Visa Card		
<input type="checkbox"/> Sunday Special		
<input type="checkbox"/> Holiday Gift		
	Tax	\$ 0.00
	Total	\$ 0.00

Cancel APPLY

Display left panel.

Display


Description

06:48

Ask us about upcoming sales!

Line Items	Qty	Line Total
------------	-----	------------

WELCOME



Tax \$ 0.00
Total \$ 0.00

06:54

What factors are important to you when buying a Verifone product?

☐ Price

☐ Usability

☐ Features

☐ Support

Cancel OK

Check box.

06:52

WELCOME TO VERIFONE

OK

Display message.

06:57

Enter E-Mail Address

1 2 3 4 5 6 7 8 9 0

q w e r t y u i o p

a s d f g h j k l

z x c v b n m .com

Cancel - _ . @

Email address.

Display

Description

06:57

Enter E-Mail Address


abc@email.com

1 2 3 4 5 6 7 8 9 0
q w e r t y u i o p
a s d f g h j k l
z x c v b n m .com ✕

Cancel - _ . @ ↵

07:01

Sign to Authorize Transaction



I hereby agree to use no more than 4000 characters, and I am aware the Display allows for 230-300 characters

Cancel Clear OK

Signature Extended

07:02

Sign to Authorize Transaction



I hereby agree to use no more than 4000 characters, and I am aware the Display allows for 230-300 characters

Cancel Clear OK

Signature captured.