

# Coupon Scanning Base 53.34

## Feature Reference

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**Verifone**<sup>®</sup>

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# Coupon Scanning

## Using This Feature Reference

This Feature Reference provides detailed information on how to configure and use the Coupon Scanning feature on Verifone Commander.

- **Overview** - This section contains a brief description, requirements and the supported hardware configurations for the Coupon Scanning feature on Verifone Commander.
- **Configuring** - This section contains information on how to configure the Coupon Scanning feature on Verifone Commander.
- **Using** - This section describes how to prepare Verifone Commander for the Coupon Scanning feature.
- **Reporting** - This section contains a sample report with a detailed report description for the Coupon Scanning feature on Verifone Commander.

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## Revision History

Date	Description
08/10/2022	Initial release.
08/26/2022	Fixed initial review comments.
09/07/2022	Fixed final review comments before posting on premier portal.

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# 1 OVERVIEW

## Feature Description

A coupon gives discounts or offers from a manufacturer to the customers who purchase certain product/s from the manufacturer.

The previous coupon scanning feature performed limited validation of the coupons. To assist in preventing fraud, additional validation has been added.

The validation checks Verifone Commander can perform are:

- Expiration date - ensures the coupon is not expired when redeemed.
- Coupon format - ensures the coupon is properly formatted according to specification standards.
- Start date - ensures the coupon is valid for the day the transaction occurs.
- Manufacturer validation - ensures the transaction contains the coupon's manufacturer code(s) product requirements.



Family code level validation is not performed.

## Supported Hardware Configuration

- Verifone Commander with Verifone Topaz/Ruby2/C18
- Verifone RubyCi with Verifone Topaz/Ruby2
- Verifone RubyCi

## Supported Software Configuration

- Verifone Commander Base version 53.34 and higher



*The older bases support the legacy coupon scanning feature. The documentation for the legacy coupon scanning feature is available on Premier Portal.*

## Manufacturer's Coupons

### UCC/EAN-128 Coupon Extended Code

Few coupons are still in the UCC/EAN-128 format with no expiration date. These coupons are still valid for redemption at the POS.

The UCC/EAN-128 format coupon consists of 10 digits with '5' as a preceding digit.

### UPC Coupon Code Examples

The diagram shows a barcode with the number 67890 above it. Below the barcode, the digits 5 12345 67890 0 are shown. The digits 81010 67890 0716 are highlighted in blue and green. To the right, four colored boxes explain the components: APPLICATION IDENTIFIER (AI) (blue), U.P.C. COMPANY PREFIX (grey), OFFER CODE (light blue), and EXPIRATION DATE (teal).

Component	Description
<b>APPLICATION IDENTIFIER (AI)</b>	AI (8101) is used for extended coupons which encode a U.P.C. Prefix, Offer Code, and Expiration Date.
<b>U.P.C. COMPANY PREFIX</b>	First digit of the U.P.C. Company Prefix.
<b>OFFER CODE</b>	Five digit number issued by the manufacturer.
<b>EXPIRATION DATE</b>	The expiration date of the offer.



## GS1 Databar (RSS) Coupon Code

The GS1 Databar Coupon format provides manufacturers more options for purchase requirements and values and make it possible to code more complex offers.

### *GS1 Databar Coupon Code Example*

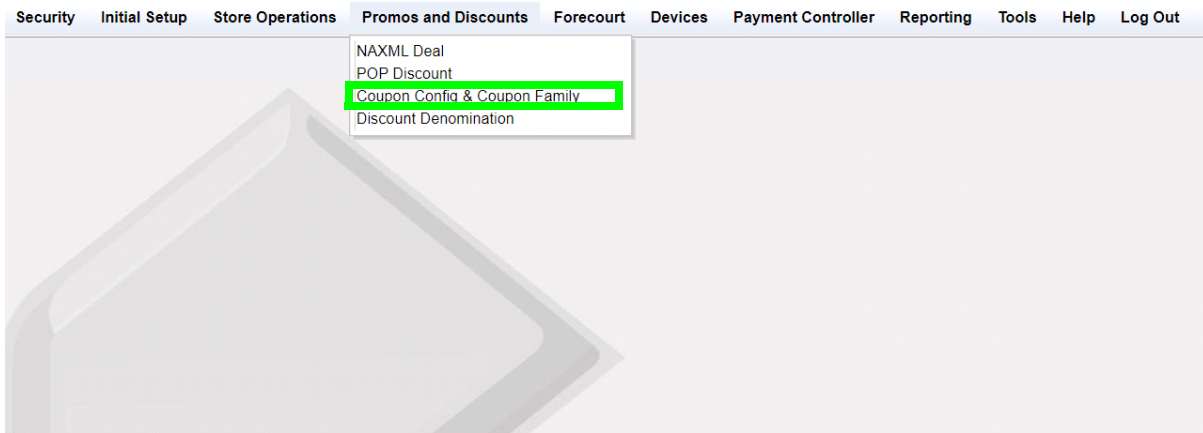


# 2

## CONFIGURING COUPON SCANNING

### Configuring Coupon Config & Coupon Family

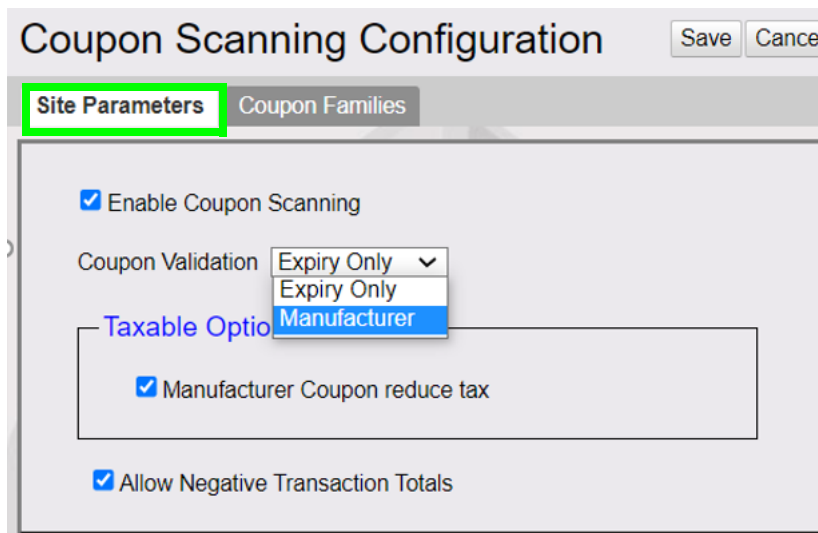
From the Verifone Commander Configuration Client, go to: **Promo and Discounts > Coupon Config and Coupon Family.**



The Coupon Scanning Configuration window displays.

### Site Parameters Tab

1. Select the [Site Parameters] tab.





2. Configure the Site parameters.

Value	Description
<b>Site Parameters</b>	
<b>Enable Coupon Scanning</b>	Enable this option if your site accepts scanned coupons.
<b>Coupon Validation</b>	<p><b>Expiry Only:</b> Only checks if the coupon is expired or not.</p> <p><b>Manufacturer And Expiry:</b> Selecting this validates many properties like if the coupon is eligible for applying a discount or if the products have met the requirements to apply the coupon discount etc.</p> <p>For better coupon validation, configure this setting to Manufacturer And Expiry.</p>
<b>Manufacturer Coupon Reduce Tax</b>	<p>If this parameter is enabled the tax will be calculated on the amount after the discount is applied.</p> <p>Use this setting based on your state or local laws regarding how manufacturer discounts affect taxes.</p> <p>By default, this option is not checked.</p>
<b>Allow Negative Total</b>	Allows the transaction total to be less than zero when coupons are accepted. By default, this option is not checked.

**Coupon Families Tab**



*The logic to process coupon family codes is not implemented.*

## Configuring a Coupon Method of Payment

The 7-Tax\_Coupon or 30-Non-Tax Coupon MOPs provide sites with an option to accept a customer's coupon if the coupon cannot be scanned or if the coupon did not meet the purchase requirements and the site still wants to accept the coupon.

If the local/state laws require to reduce the tax liability, choose the Non-Tax Coupon code; otherwise use the Tax\_Coupon code.

From the Verifone Commander Configuration Client, go to: **Store Operations > Payment > MOP** to configure 7-Tax\_Coupon and 30-Non-Tax Coupon MOPs.

**Payment Management** [Save] [Cancel]

MOP Currencies Fees Tax Rates

Select MOP

- 027 - \$1 CASH
- 028 - \$2 CASH
- 029 - \$5 CASH
- 030 - \$10 CASH
- 031 - \$20 CASH
- 032 - \$50 CASH
- 033 - \$100 CASH
- 034 - Mobile
- 035
- 036
- 037
- 038
- 039
- 040
- 041
- 042
- 043
- 044
- 045
- 046

Name

Minimum Amount: 0.00

Limit: 0.00

Tender Code

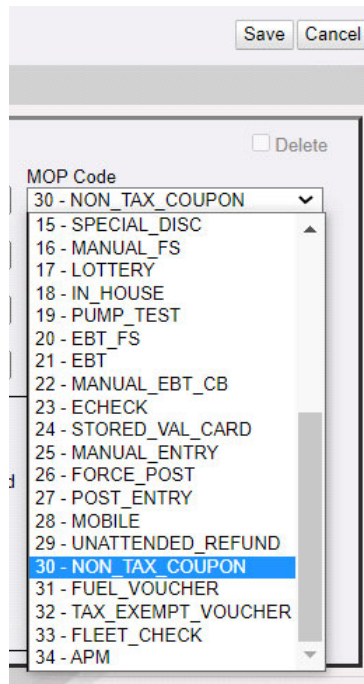
Options

- Force Safe Drop
- Tender Amount Required
- Allow Zero Entry
- Allow Refund
- Allow Safe Drop
- Force Ticket Print

MOP Code: 07 - TAX\_COUPON

- 00 - CASH
- 01 - CREDIT
- 02 - DEBIT
- 03 - MANUAL\_CREDIT
- 04 - MANUAL\_DEBIT
- 05 - LOTTO
- 06 - CHECK
- 07 - TAX\_COUPON
- 08 - 1\_CASH
- 09 - 5\_CASH
- 10 - 10\_CASH
- 11 - 20\_CASH
- 12 - 50\_CASH
- 13 - FOOD\_STAMP
- 14 - DRIVE\_OFF
- 15 - SPECIAL\_DISC
- 16 - MANUAL\_FS
- 17 - LOTTERY
- 18 - IN\_HOUSE
- 19 - PUMP\_TEST

Delete



*Refer to the Method Of Payment chapter in the Verifone Commander User Reference for more information on configuring MOPs. The latest user reference is available on Premier Portal.*

# 3

## USING COUPON SCANNING

In the below example, a customer is redeeming a \$1.00 coupon. The screen display is the same regardless of how the coupon was entered (scanned or manually entered as MOP).

Description	Qty	Amount	WELCOME TO INSERT CARD OR Report Available		04:24 PM / Friday, Mar 04, 2022 Reg101 CORPORATE				
Shampoo	1	10.00	ngfc screen						
Coke	1	20.00							
Mallboro	1	5.00	1	2	3				
			PC100	PC112	PC125	PC137	PC149	PC176	PC205
			PC304	PC653	PC700	cw1	ITEM D	ITEM E	ITEM F
			MANUAL FUEL DEP	TEST A DEPT	CASH	CREDIT	Drive_Of	MOBILE	Paper-ch
			Total	Void Ticket	Approve Fuel	CommFleet Prepay	Electronic Void	Fuel Prepay	Loyalty Card
			Modify	Other Departme	Other Fuel Fun	Other MOP	Quantity	Refund	Recall
			SUSPEND	expanded menu	menu chain	multi-se	order menu	ruby menu	Repeat Last Ite
			auto check de	Horlicks Protein	testcop1	testcop3	testcop4	testcop5	testcop6
Subtotal		\$35.00							
Tax		\$3.50							
TOTAL		\$38.50							
DISCOUNTS		\$-1.00							
Amount Due		\$37.50							

Regardless of the option level selected for each coupon presented, the customer display always displays a new line item with appropriate amount and a description of Coupon.

After applying scanned coupons for a transaction discount, on the cashier screen coupons show as Discount.

On processing a coupon in a transaction, the coupons are printed in the MOP section of the receipt. A separate line is printed for each coupon accepted.



## Sales Functionality

If the coupon scanning feature is not enabled in the VeriFone Commander, then a message **“Scanned Coupon - Coupon Scanning Disabled”** displays.

When coupon scanning feature is enabled, coupons must be scanned at the end of the transaction. On scanning the first coupon, the prompt displays **“SCANNED COUPON - ADDITIONAL ITEMS CANNOT BE ADDED AFTER COUPONS ARE SCANNED. CONTINUE? [Y/N].”**

Discount are applied at the transaction level and not at the item level.

If expiration is missing in the coupon, the cashier is prompted to enter the expiration date.

The following table lists the functions that occur and states whether the system or the clerk performs the function:

Functions	System	Clerk
Reject all scanned coupons when feature is disabled (displays “Coupon Scanning Disabled” message when coupon is scanned).	X	
Accept coupon entered as MOP in any transaction.	X	

Functions	System	Clerk
Verify coupon is valid based on items in transaction.	X	
<i>Present coupon to scanner. Check if coupon is expired. If the coupon is expired, the system rejects the coupon and notifies the cashier. If expiry date is missing from the barcode, the clerk is prompted to enter one.</i>	X	X
<i>Add coupon to transaction when amount is determined in coupon's Value Code.</i>	X	
Prompt clerk for amount when amount not expressly determined by Value Code (for example, BOGO offers).	X	
Enter coupon amount when prompted (based on Value Code).		X

## Transaction Flow

### Valid Coupon Processing Automatically

After a coupon is scanned, the system applies valid coupons at the transaction level.

1. Enter <items> into the transaction.
2. Scan the coupon.
  - On scanning the first coupon, the prompt displays **“SCANNED COUPON - ADDITIONAL ITEMS CANNOT BE ADDED AFTER COUPONS ARE SCANNED. CONTINUE? [Y/N].”**
    - Select **[YES]** to process the coupon.
    - Select **[NO]** to go back to subtotal level. The prompt **“COUPON NOT PROCESSED”** displays and ignores already scanned items.



*Once a coupon scan has started in a transaction, the user cannot add more items to that transaction. If the user still wants to add a coupon to the same transaction, then the user can scan the coupon or enter the coupon as an MOP.*

- The system accepts the coupon amount from the coupon, and the coupon amount is applied as a transaction-level amount.
3. Continue to accept more coupons or tender the transaction.

## Expired Coupon Processing

Only valid coupons are processed for a transaction discount.

To proceed with an invalid coupon in a transaction, do the following:

1. Enter items into the transaction.
2. Scan the coupon.
  - If the coupon scanned is expired, then the system displays: **“COUPON REJECTED - EXPIRED.”**
  - If the coupon scanned is invalid, then the system displays: **“COUPON NOT VALID WITH THIS TRANSACTION”**.
3. Continue to accept the remaining valid coupons or tender transaction.

## Valid Coupon with Offers Processing

Some coupons require the cashier to enter the amount of the discount to apply.

**For Example:**

- **BOGO (with maximum amount)**  
Example: Buy shampoo, get another shampoo free (up to 1.99)  
Purchase Requirement = Number of units (2)  
Save Value Code = Amount off one quantity free qualifying purchase (1.99)
- **Buy number of items, get another free**  
Example: Buy 5 soaps, get another soap free  
Purchase Requirement = Number of units (6),  
Save Value Code = Free quantity of qualifying purchase (enter amount of free item up to highest item)
- **Save certain amount on item with minimum purchase amount for the item**  
Example: Spend \$5.00 on cream products, get \$0.50 off  
Purchase Requirements = Cash value of qualifying purchase (\$5.00)
- **Free item with minimum purchase amount for the item**  
Example: Spend at least \$5.00 on soap and get a soap for free  
Purchase Requirement = Cash value of purchase items  
Save Value Code = Free Quantity (enter amount of free item up to highest qualifying item in ticket)
- **Free item with minimum transaction amount**  
Example: Spend \$9, get a free soap  
Purchase Requirement = Cash value of transaction  
Save Value Code = Free Quantity (enter amount of free item up to highest qualifying item in ticket)

- **Save amount% on item**

Example: Buy a box of tissues and get 50% off.

To proceed with a coupon that requires cashier input, do the following:

1. Enter <items> into the transaction.
2. Scan the coupon.
  - On scanning the first coupon, the prompt displays “**SCANNED COUPON - ADDITIONAL ITEMS CANNOT BE ADDED AFTER COUPONS ARE SCANNED. CONTINUE? Y/N.**”
    - Select **[YES]** to process the coupon.
    - Select **[NO]** to go back to subtotal level and the prompt “**COUPON NOT PROCESSED**” displays and to ignore already scanned items.
  - If the scanned coupon requires cashier input, (for example, buy one, get one free), the system displays “**Scanned Coupon - Verify required purchases. Enter value of the Coupon.**”
3. Enter the <value> of the coupon.



*Once a coupon scan has started in a transaction, the user cannot add more items to that transaction. If the user still wants to add a coupon to the same transaction, then the user can scan the coupon or enter the coupon as an MOP.*

4. Continue to accept the remaining valid coupons or tender transaction.

## Using Tax\_Coupon or Non-Tax Coupon MOPs

Do not use the Coupon MOPs when scanning coupons.

Use the 7-Tax\_Coupon or 30-Non-Tax Coupon MOPs only if the coupon cannot be scanned or if the coupon did not meet the purchase requirements and the site still wants to accept the coupon.

Tender the amount of the coupon as the Coupon MOP first and then pay for the rest of the transaction with other MOPs (cash, credit, check, etc).

If the local/state laws require to reduce the tax liability, choose the Non-Tax Coupon code; otherwise use the Tax\_Coupon code.



## Cashier Notifications With Error Codes

- E1301: COUPON NOT VALID WITH THIS TRANSACTION -- Validation of coupon manufacturer code against PLU items failed.
- E1302: COUPON REJECTED - DATE NOT YET VALID -- The coupon has a future date.
- E1305 - COUPON NOT ALLOWED -- Purchase requirement Not met.
- E1306: VALUE NOT ALLOWED. TRANSACTION TOTAL CANNOT BE NEGATIVE -- When "Allow Negative Transaction Total" is not selected in configuration and after applying the coupon, the transaction total becomes negative.

# 4 REPORTING

For reconciliation purposes, non-scanned coupons should be kept separate from the scanned coupons because scanned coupons are reported differently from non-scanned coupons. Coupons that cannot be scanned are reported either as MOPs or as negative-department sales.

## Cashier & Summary Reports

Scanned coupons are not reflected in Sales MOP totals. They are reflected only in the coupon totals provided in the Memo Items section of the Cashier and Summary Reports.

### Memo Items

Various transaction-related items have happened but they either do not affect totals or have already been counted in totals.

-----MEMO ITEMS-----	
#ITEMS	42
#CUSTOMERS	11
#NO-SALES	10
VOID LINES	1
VOID TICKETS	2
POSITIVE	2
NEGATIVE	0
SCANNED COUPONS	
TICKET LEVEL	99999 9999999.99

### Report Details

- **TITLE:** CASHIER DETAILS REPORT.
- **MEMO ITEMS**
  - **# ITEMS:** Quantity of items sold.
  - **# CUSTOMERS:** Number of customers (individual transactions).
  - **# NO-SALES:** Number of times the **[NO SALE]** key has been pressed.
  - **VOID LINES:** Number of times and total amount caused by using the **[VOID LINE]** key. This does not include lines voided as part of a void ticket.
  - **VOID TICKETS:** Number of times and total amount caused by using the **[VOID TICKET]** key. This includes a line for positive amounts and a line for negative amounts.
  - **SCANNED COUPONS TICKET LEVEL:** The number of coupons and the total amount of discounts applied.