

Masking / Filtering Tags

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There are two masking modes in the AsReader Demo App: the **EPC Mask** mode and the **Selection Mask** mode.

The **EPC Mask** mode is for masking EPCs as the name states. The **Selection Mask** mode can use more specific options for masking.

How to Set Masking Mode/Options:

1. Choose the masking mode:

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		Buzzer	High		Buzzer	High	
p Version	0.1.34_3	Vibrator	On		Vibrator	On	
mware Version dress gion/Country	ar-1.1.2.16 01 Japan1W	Inventory Time	4000	ms	Inventory Time	4000	m
N ISU IS version	00000000EC0025	Idle Time	0	ms	Idle Time	0	m
Ring+ version	1.1.21_4	Sleep Time	300	s	Sleep Time	300	s
nventory		Battery Interval	10000	ms	Battery Interval	10000	m
RFID Option		Auto Off Time	1800	sec	Auto Off Time	1800	s
Read Memory		Mask Type	EPC Mask		Cancel		ОК
•		Algorithm Type	Dynamic Q				
Vrite Memory		QValue	04		Ne	o Mask	
ock Memory		MaxQ	08		EP	C Mask	
Barcode Scan		MinQ	02				
		Sava	Default				

2. <u>Using EPC Mask mode:</u>

Select the "EPC Mask" mode as indicated above in Step 1. Press the "Mask" button on the inventory page to add mask settings.



Press "Done" and then "Save" to save the mask settings. You can add as many mask settings as you like. There is also a toggle switch to swap between **matching** and **unmatching**. <u>Matching</u> means "get all tags that have the same value." <u>Unmatching</u> means "get all tags that do not have the same value".

After saving, you can go to the inventory page and see the masks go into effect.

3. <u>Using Selection Mask mode</u>

The Selection Mask mode is more flexible than the EPC Mask mode. First, change the mask mode to Selection Mask mode as indicated above in Step 1. Press the "Mask" button to enter the mask settings page. Press the "+" button and you will see the following page.

Action AB Bank EPC Offset 16 bit Mask 16 bit	Target	SL
Bank EPC Dffset 16 bit Mask Length 16 bit	Action	AB
Dffset 16 bit Mask	Bank	EPC
Mask 16 bit	Offset	16 bit
Length 16 bit	Mask	
	Length	16 bit

Just add the mask settings and save it as shown above in "Step 2: Using EPC Mask mode" and you will get the same result.

Selection Mask mode also has a <u>matching</u> and <u>unmatching</u> option as shown below.

		Cancel	0
Select Flag	SL	Cancel	0
Select Flag Inventory Session	SL S0	Cancel	0
Select Flag Inventory Session Session Flag	SL S0 A or B	Cancel	o SL

Press "Select Flag" and choose between the available options:

SL (Matching) ~SL (Unmatching)