

MEMORY SWITCH

MSW1

Bit	Description	0	1
0	Not in use		
1			
2			
3			
4			
5			
6			
7			

MSW2

Bit	Description	0	1
0	Not in use		
1			
2	Auto Start Sensor (Only for China)	OFF	ON
3			
4	Roll Printer function Setting (Option)	Print out	Not print
5	Validator Setting (Option)	Invalid	Valid
6	Roll Printer Setting (Option)	Invalid	Valid
7	Count Chute Setting (Option)	Invalid	Valid

MSW3

Bit	Description	0	1
0	Setting of start Timing of second count cycle for the coin diameter less than 21 mm. To release the timing for stabilize the Roll Coin.	Second Count Start Position	120 degree from Cam Home Position.
1	Stacked coins automatically clear when Front Door or Upper Cover opened.	Keep counting	Clear stack coins
2	Open and close Sorting Track to check remain coins	Valid	Invalid
3	Roll Gate Function This function enable from FW version 09	Enable	Disable
4	Quick Start Mode 1. Start form foreword for Feed and Coin Table to reduce transaction time. 2. Reduce detection time to check remain coin and jam on Coin Table	Disable	Enable
5	Enable Large Diameter reject function when Bit 4 sets "1"	Disable	Enable
6	Select type of action for Large Diameter Reject Function	Once reverse Coin Table then start reject action.	Immediately start reject action
7	Not in use		

Factory Default setting was marked **half-tone dot meshing**.

MEMORY SWITCH

MSW4

Bit	Description	0	1
0	Coin Roll Height Detection	Valid	Invalid
1	Stack Jam Sensor Detection	Valid	Invalid
2	Remove paper after set new Paper Roll.	Remove	Start wrap even no print
3	Paper End Detection in Roll Printer	Valid	Invalid
4	Paper Set Position Detection	Valid	Invalid
5	Paper End Detection	Valid	Invalid
6	Roll Chute Jam Detection	Valid	Invalid
7	Not in use		

MSW5

Bit	Description	0	1
0	Roll Coin Fall Time Detection from wrapping section to Roll Chute Jam Sensor		
1			
2			
3			
4	Bit 7 Bit 0 0000000: 300 ms Bit 7 Bit 0 0000001: 600 ms		
5	0000011: 900 ms 0000111: 1200 ms		
6	0001111: 1500 ms 0011111: 1800 ms		
7	0111111: 2100 ms 1111111: 2400 ms		

MSW6

Bit	Description	0	1
0	Roll Gate Open Timing Setting		1
1	It is time setting from the roll coin to pass Roll Chute Jam Sensor to start Roll Gate open.	0	
2		0	
3		0	
4		0	
5	Bit7 Bit 0 0000000: 100 ms Bit7 Bit 0 0000001: 350 ms	0	
6	0000011: 600 ms 0000111: 850 ms	0	
7	0001111: 1100 ms 0011111: 1350 ms	0	
	0111111: 1600 ms 1111111: 1850 ms	0	

MSW7

Bit	Description	0	1
0	Ink Cartridge Motor rotation Detection	Valid	Invalid
1	Coin Table Remain Sensor Detection	Valid	Invalid
2	Reject Box Set Detection	Valid	Invalid
3	Reject Box Full Detection	Valid	Invalid
4	Clear Box Set Detection	Valid	Invalid
5	Clear Box Full Detection	Valid	Invalid
6	Roll Paper Printer Printing Direction	Normal	Reverse
7	Not in use.		

MEMORY SWITCH

MSW8

Bit	Description	0	1
0	Aux. Coin Table function (For China GW)	Valid	Invalid
1	Digits for free printing user area. (Use 2 digits of "Second" for free user area)	8 digits	10 digits
2	Printing format for Date	Standard YY/DD/HH/MM/SS	Not prints "Second" YY/DD/HH/MM
3			
4	Shutter Solenoid Home Position (PI7) Detection	Valid	Invalid
5	Crimp Arm Stop Solenoid Position (PI14) Detection	Valid	Invalid
6			
7	Not in use.		

MSW9

Bit	Description	0	1
0	Setting Coin Table stop timing to reduce stacking Jam. * Coin Table stops when stack coins reached target number (Stack number – setting number) to reduce pressure of coins. When set 8 pcs, Coin Table stops 42 pcs coins stacked. * This function Enable when 6-10 "Denom SW" bit 7 set "1".	0000 0000: 8 pcs (Default) 0000 0001: 1 pcs 0000 0010: 2 pcs . . 0111 1111 127pcs	
1			
2			
3			
4			
5			
6			
7	Not in use.		

MSW10

Bit	Description	0	1
0			
1			
2			
3			
4			
5			
6			
7	Not in use.		

MSW11

Bit	Description	0	1
0	Sorting Track width setting during reject large diameter coin. 0000: 6.5mm 0001: 5.0mm 0010: 5.5mm 0100: 6.0mm 1000: 7.0mm	This function enable from FW version 08	
1			
2			
3			
4			
5	Stack Speed (Stack Pulse setting) Bit 6 5 4 : 0 0 0 : Standard 0 0 1 : 90% 0 1 0 : 80% 1 0 0 : 70% (Most fester)	Note: Keep "Standard" for normal size of coins.	
6			
7			
7	Not in use.		

Factory Default setting was marked half-tone dot meshing.

MEMORY SWITCH

MSW12

Bit	Description	0	1
0	IN1 (Start / Stop) define the time for signal. (Consecutive on ON time)	30ms or more	400ms or more
1			
2			
3	Circuit type of Simple I/F OUT 4	Short Circuit when coin remains at Hopper.	Open Circuit when coin remains at Hopper.
4	Indication of External I/F Port Setting (Valid when SW 14-0 is set ON.)	Invalid	Valid (Default 10001)
5			
6			
7	Not in use		

MSW13

Bit	Description	0	1
0	Simple I/F Setting	00h (00000000): Standard 01h (00000001): France 03h (00000011): China	
1			
2			
3			
4			
5			
6			
7	Not in use		

Spec Signal	Standard	France	China
IN 1	Start / Stop	Start / Stop	Start / Stop
IN 2	Pause	Pause	Pause
IN 3	Roll Gate Open	Roll Gate Open	Roll Gate Open
IN 4	Not in use	Not in use	Not in use
OUT 1	In operation: ON In pause: 480 ms cycle In abnormal status: 1040 ms cycle	In operation: ON	In operation: ON In pause: 2000 ms cycle
OUT 2	Roll Count UP: ON	Roll Count UP: ON	Roll Count UP: ON
OUT 3	Requesting Coin Load: ON	Requesting Coin Load: ON	When not set properly or full: ON Abnormal other than full: 2000 ms cycle
OUT 4 When MSW 12-3 OFF	Accepting Coin Load to Hopper: ON	Accepting Coin Load to Hopper: ON	Not accepting coin Load to Hopper: ON
OUT4 When MSW 12-3 ON	Accepting Coin Load to Hopper: ON	Accepting Coin Load to Hopper: ON	Accepting Coin Load to Hopper: ON

Factory Default setting was marked half-tone dot meshing.

MEMORY SWITCH

MSW14

Bit	Description	0	1
0	External I/F Setting	Invalid	Valid
1	Show Help Guidance in case of alarm	Valid	Invalid
2	Show "Remain" "Set" Guidance when power on.	Valid	Invalid
3	Taking out coins when coins remain in the RJ Box or Clear Box before start.	Necessary	Not necessary
4	Indication of Daily total of Rolls on the Display	Valid	Invalid
5	Batch Setting after turning on the power.	Infinite	Previous setting
6	Mode Setting after turning on the power.	Home Screen	Wrap Mode
7	Not in use		

MSW15

Bit	Description	0	1
0	Recovery step when alarm occurs.	Auto recovery (Partly pressing C key)	Pressing C key
1			
2			
3			
4	Show Feed Switch on the Display	Valid	Invalid
5	Paper cut necessary after feeding paper roll.	Necessary	Not necessary
6	Auto paper feed function	Invalid	Valid
7	Not in use		

MSW16

Bit	Description	0	1
0	FAN Motor error check function	Valid	Invalid
1	Aux. Coin Table Control Setting	It controls accord to the sensor status.	It controls after counting specified number of coin.
2			
3	Stack Drum rotation speed setting for the coin diameter less then 19 mm.	Accelerate up to 285 Hz (Normal)	Accelerate up to 1000 Hz.
4			
5	Minimum Wrapping Rollers Position Setting	17.3 mm	19.1 mm
6			
7	Not in use		