

User's spec setting

No.	Item No.	Item	Description	Default value
Sales Report				
100	1	Start date	Month Day, Year	170309
	2	Start time	Hour Minute Second	163700
	3	End date	Month Day, Year	170309
	4	End time	Hour Minute Second	170305
Sales Report of Main Group				
101	1	Start date	Month Day, Year	170309
	2	Start time	Hour Minute Second	163700
	3	End date	Month Day, Year	170309
	4	End time	Hour Minute Second	170305
Goods Sales Report				
102	1	Start date	Month Day, Year	170309
	2	Start time	Hour Minute Second	163700
	3	End date	Month Day, Year	170309
	4	End time	Hour Minute Second	170305
Goods Label Type				
120	1	Goods code started		1
	2	Goods code ended		9999999
150	Noted by goods edition (see 1-1 for operation), 1-1 is just an example, see the manual for details.			
151	Noted by Text edition (see 1-2 for operation), 1-2 is just an example, see the manual for details.			
152	Noted by setting of goods keyboard shortcut (see 1-3 for details), 1-3 is just an example, see the manual for details.			
153	Noted by function keyboard shortcut (see 1-4 for operation), 1-4 is just an example, see the manual for details. The setting of function keyboard shortcut and setting of goods keyboard shortcut are almost the same, just input the corresponding function code.			
Setting of key F (see - for function code)				
154	1	F1	Triggered by inputting corresponding code	0
	2	F2	Triggered by inputting corresponding code	0
	3	F3	Triggered by inputting corresponding code	0
	4	F4	Triggered by inputting corresponding code	0
	5	F5	Triggered by inputting corresponding code	0
Setting of key H (see - for function code)				
155	1	H1	Triggered by inputting corresponding code	1
	2	H2	Triggered by inputting corresponding code	2
	3	H3	Triggered by inputting corresponding code	3
	4	H4	Triggered by inputting corresponding code	4
	5	H5	Triggered by inputting corresponding code	5
Edition of Label X coordination				
156	1	Input label No.	Input label No., press F3 to do the modification	0

Setting of goods edition display				
180	1	Goods name	0: No 1: Yes	1
	2	Store No.	0: No 1: Yes	1
	3	EAN code	0: No 1: Yes	1
	4	Status A category	0: No 1: Yes	1
	5	Weight unit	0: No 1: Yes	1
180	6	Unit price	0: No 1: Yes	1
	7	Max. Retail price	0: No 1: Yes	0
	8	Tare weight	0: No 1: Yes	0
	9	Qty. of the pre-packed	0: No 1: Yes	0
	10	Label format No.	0: No 1: Yes	1
	11	F1F2	0: No 1: Yes	1
	12	Code format	0: No 1: Yes	1
	13	X-section type of the code	0: No 1: Yes	1
	14	Expiration date	0: No 1: Yes	1
	15	Sales date offset	0: No 1: Yes	0
	16	Sales time offset	0: No 1: Yes	0
	17	Packaging date offset	0: No 1: Yes	1
	18	Packaging time offset	0: No 1: Yes	1
	19	Main group No.	0: No 1: Yes	1
	20	Place of origin	0: No 1: Yes	0
	21	Brand	0: No 1: Yes	0
	22	Goods instruction	0: No 1: Yes	1
	23	Title of goods instruction	0: No 1: Yes	0
	24	Additional goods instruction	0: No 1: Yes	0
	25	Status B category	0: No 1: Yes	0
26	Status C category	0: No 1: Yes	0	
Setting of printer parameter				
200	1	Paper type	0: receipt paper; 1: label paper	1
	2	Print mode	0: non-peeling test; 1: peeling test	0
	3	Print concentration	0~9, the bigger, the darker	5
	4	Start print place (point)	Unit: dot (1mm=8dot)	64
Printer parameter inquiry				
201	1	Paper type	0: receipt paper; 1: label paper	1
	2	Print mode	0: non-peeling test; 1: peeling test	0
	3	Print concentration	0~9, the bigger, the darker	5
	4	Start print place (point)	Unit: dot (1mm=8dot)	64
Print copy and print interval setting				
210	1	Default copy		1
	2	Time interval	Unit: ms	0
Word library setting				
220	1	Select word library	0: No word is printed 1: 6 dot matrix 2: 24 dot matrix 3: select all	3
	2	Word library in priority	0: No priority 1: 16 dot matrix in priority 2: 24 dot matrix in priority	1

	3	Threshold of height	Unit: mm	127
221	Setting of barcode use			
	1	Use EAN13 or not	0: not used, print in CODE128 1: used	1
	2	EAN13 barcode image	0: standard 1: non-standard	1
	3	GTIN check bit algorithm	0: standard 1: non-standard	0
	4	Code128 barcode image	0: standard 1: non-standard	0
222		Setting of barcode font	0: 2mm 1: 3mm > 1: ratio of barcode and word height	0
223	Setting of barcode F1F2			
	1	Default F1		2
	2	Default F2		4
	3	Source	0: goods 1: default value	0
	4	Select fixed barcode single F position	0: F1 1: F2	1
	5	Select barcode single F position	0: F1 1: F2	1
224	Setting of pre-defined barcode			
	1	Mode	0: not used 1: used 2: format in priority	0
	2	Label No.		0
225	Setting of barcode shift			
	1	Mode	0: not shift 1: pre-defined 2: customized 3: all	0
	2	Currency unit	1: cent 2: jiao 3: Yuan	1
	3	Currency multiplying power		1
	4	Currency carry	0: not allowed 1: round down 2: round off 3: round up to an integer	0
	5	Weight unit	1: g 2: kg	1
	6	Weight multiplying power		1
	7	Weight carry	0: not allowed; 1: round down 2: round off 3: round up to an integer	0
	8	Qty. of unit	1: piece	1
	9	Qty. multiplying power		1
	10	Qty. carry	0: not allowed; 1: round down 2: round off 3: round up to an integer	0
240	Setting of pre-defined label			
	1	Mode	0: not used; 1: always used; 2: goods format in priority	0
	2	Label No.		1
241		Setting of label printing	0: bottom 1: top	0
242	Setting of label linefeed			
	1	Text	0: No 1: Yes	1
	2	Value	0: No 1: Yes	0
	3	Currency	0: No 1: Yes	0
	4	Weight	0: No 1: Yes	0
	5	Qty.	0: No 1: Yes	0
	6	Date/time	0: No 1: Yes	0

243	Setting of complete line of label			
	1	Text	0: No 1: Yes	0
	2	Value	0: No 1: Yes	0
	3	Currency	0: No 1: Yes	0
	4	Weight	0: No 1: Yes	0
	5	Qty.	0: No 1: Yes	0
	6	Date/time	0: No 1: Yes	0
260	Setting of receipt printing			
	1	Section 1	Input the label number and negative number is the pre-defined	-1
	2	Section 2	Input the label number and negative number is the pre-defined	-2
	3	Section 3	Input the label number and negative number is the pre-defined	-3
	4	Section 4	Input the label number and negative number is the pre-defined	-4
	5	Section 5	Input the label number and negative number is the pre-defined	-5
	12	Section 12	Input the label number and negative number is the pre-defined	0
261	Default font for receipt Text			
	1	Text 1	Unit: mm	3
	2	Text 2	Unit: mm	3
	3	Text 3	Unit: mm	3
	16	Text 16	Unit: mm	3
300	Setting of transaction contents			
	1	Goods-free transaction	0: not allowed 1: allowed	0
	2	Unit price is opened up	0: not allowed 1: allowed	0
	3	Opening-up mode	0: based on goods 1: unconditionally allowed	0
	4	Price is 0	0: not allowed 1: allowed	0
301	Setting of transaction operation			
	1	Goods reserved	0: not reserved 1: reserved	0
	2	Manually input tare weight	0: No 1: Yes	1
	3	Goods printing by keyboard shortcut	0: not printed 1: printed	0
	4	Auto printing of transaction	0: No 1: Yes	0
	5	Auto switch of weight and counting by piece	0: No 1: Yes	0
	6	Open cash box	0: No 1: Yes	1
302	Manual setting of discount			
	1	Valid digits		2
	2	algorithm	0: direct ratio 1: deduction ratio	0
303		Setting of valid min. weight	Unit: g	40

304	Setting of currency carry			
	1	Unit price unit	1: cent 2: jiao 3: Yuan	1
	2	Unit price carry	1: round down 2: round off 3: round up to an integer	2
	3	Price unit for total weight	1: cent 2: jiao 3: Yuan	1
	4	Carry of total weight	1: round down 2: round off 3: round up to an integer	2
	5	Price unit for total counting-by-piece	1: cent 2: jiao 3: Yuan	1
	6	Carry of total counting-by-piece	1: round down 2: round off 3: round up to an integer	2
	7	Total price unit	1: cent 2: jiao 3: Yuan	1
8	Carry of total price	1: round down 2: round off 3: round up to an integer	2	
320	Setting of barcode scanning			
	1	Place No.	1~4	1
	2	Barcode No.		0
	3	Calibration method	0: standard 1: not checked 2: non-standard	0
	4	Unit processing method	0: close 1: open	0
	5	Amount unit		1
	6	Amplifying times of amount		1
	7	Weight unit		1
	8	Amplifying times of weight		1
	9	Unit of counting-by-piece		1
	10	Amplifying times of counting-by-piece		1
	11	Unit price unit		1
12	Amplifying times of unit price		1	
350	Setting of database operation			
	Save barcode scale transaction	0: not saved 1: saved	0	
351	Setting of deleting threshold by transactions			
	1	Max. transaction qty.	0~65536 pieces	4096
	2	Min. Free blocks	16~224	16
352	Manually delete transaction record			
	Deleted records		0	
353	Inquire database			
	1	Recorded transactions		0
	2	Free blocks		218
354	Adjust the current transaction record No.	Adjust until the biggest transaction record number	0	
400	Setting of scale No.	0~99999999	0	
410	Setting of website address			
	1	IP	192=168=1=252	
	2	Sub-website mask code	255=255=255=0	
	3	Gateway	255=255=1=1	

Setting of IP port number and overtime				
411	1	Port number		2000
	2	TCP timeout	Unit: s	20
440		Setting of website data version No.		20140101
441		Setting of big file website fractional length	Unit: byte	4096
Setting of system time				
450	1	Date	Month Day, Year	170903
	2	Time	Hour Minute Second	123031
X 451		Switch between barcode scale and cashier scale	0: barcode scale 1: cashier scale	0
500		Enhance authority	Input user's password	
Setting of user's password				
501		Input password	Longest password: 16 characters	
		Re-input password	The two inputs shall be the same	
502		Delete user's password	Confirm the printing	
Setting of numeric-key and touch key				
510		Refresh interval	Unit: second	4
Setting of pre-set key and touch key				
511		Max. continuous click interval	Unit: ms	4
Setting of battery warning				
512	1	Warning sound	0: No 1: Yes	0
	2	Warning light	0: No 1: Yes	1
513		LCD brightness	0~9, the bigger, the brighter	5
Setting of standby interface				
520	1	Standby or not	0: No 1: Yes	0
	2	Waiting time	Unit: min	10
	3	Display text No.		0
	4	Scroll zone width	Unit: byte	40
	5	Scrolling dot		1
	6	Scrolling interval	Unit: ms	250
Setting of peripheral functions				
530	1	Location No.	1~8	
	2	Function No.		
	3	Start of parameter	1~32	
	4	Parameter 1		
7	Parameter 4		
Setting of serial port				
533	1	Mode		10
	2	Baud rate	1~9999999	9600
User's Formation database				
550		Confirm printing	Lose user data	
551		User's formation system		

ADD
514

		Confirm printing	Lose user data	
552	Formation of updating zone			
		Confirm printing	Empty the data at upgrading zone	
553		Setting of upgrading program type	1: common program 2: once-run program 3: boot program	
	Inquire system version information			
590	1	Version of application program		1003
	2	Version of configuration format		1001
	3	Version of database		1000
591		AD software version and inquire times of calibration		
592		Inquire printer version		1101

Settings by administrator

600		Set gravitational acceleration for the use place		9.7946
601		Calibrate "zero"	Confirm printing	
602		Calibrate weight range	Unit: g; input the value equals to the weights, confirm printing by distributing weights	0
	Setting of weight parameters			
603	1	Scale-mark code	0~15	4
	2	ISN Ratio	1~16	8
	3	Filtering parameter	0~2	0
	4	Zero setting range for start-up	0~100	10
	5	Zero setting range for key-pressing	0~10	10
	6	Max. Range	Unit: g	15000
	Inquire weight parameters			
604	1	Scale-mark code		4
	2	ISN Ratio		8
	3	Filtering parameter		0
	4	Zero setting range for start-up		10
	5	Zero setting range for key-pressing		10
	6	Max. Range	Unit: g	15000
605		Set zero-tracking	0: close 1: open	1
	Setting of range division value			
607	1	Low-range division value	Unit: g	2
	2	Low/High-range division value	Unit: g	6000
	3	High-range division value	Unit: g	5
608		Allowable tare weight	Unit: g (set value is a division value)	6000
609	Switch of ISN display method			
	1	ISN display	0: not displayed 1: displayed	1

610		Set zero when start-up	Confirm printing	
611		Set zero by pressing keys	Confirm printing	
650	Setting of factory-leaving			
	1	Set AD parameters	1: 6kg/3kg (1/2g) 2: 15kg/6kg (2/5g) 3: 30kg/15kg (5/10g) 4: 6kg (2g) 5: 15kg (5g) 6: 30kg (10g) 7: 3kg (1g)	2
	2	Type of electronic scale	0: barcode scale 1: cashier scale	0
	3	Hardware configuration of electronic scale		1
	4	Create test data or not	0: not created 1: created	0
700		Format when factory-leaving	Confirm printing	
701	Setting of buzzer volume			
	1	Warning tone period	Unit: ms	100
	2	Short interval of warning tone	Unit: ms	100
	3	Long interval of warning tone	Unit: ms	100
702		Set the pulse for opening the cash box	Unit: ms	120
703	Battery setting			
	1	Shutdown point	Unit: mv	10400
	2	Operation point	Unit: mv	10800
710	Setting of internal serial port			
	1	Mode 1	0~32767 operation mode code	0
	2	Mode 2	0~32767 operation mode code	0
	3	Mode 3	0~32767 operation mode code	0
	4	Mode 4	0~32767 operation mode code	0
	5	Mode 5	0~32767 operation mode code	0
	6	Mode 6	0~32767 operation mode code	0
	7	Mode 7	0~32767 operation mode code	0
	8	Mode 8	0~32767 operation mode code	0

Goods edition: add one goods (Note, F3 is to amend the goods, which is the same as adding goods; F2 is to directly print out the deleted the goods)

	Step photos	Pop-up photos
1. Enter "goods edition", press [mode] by the right hand, do not take away the hand; press [150] (code for goods edition) by left hand, then take away both hands; Write like this: [mode] + [150] Display the goods code		
2. Input goods code, for example, if goods code is 10, input 10 please.		
3. Select three operations for the goods For example: F1 - add goods;		

F2 -- delete goods; F3 -- amend. If the goods are to be added, press F1.		
4. Press [print] to confirm		
Display items: 01 -- goods code Note: at any time, press [print] to store data and log out; or [set zero] to log out without saving the data.		
Access to next item, press [P8] Note: back to the former item. press [P7]		
5. Display items: 02 -- goods name The default input is that letters, numbers and symbols shall be input; if Chinese code input is required, please press [P32 input]. For example, goods name is "Apple 12 Apple (Apple is in Chinese) 34".		
6. First, input "Apple 12"		
Then switch to Chinese code input by pressing [P32 input], indicating light "X" will be on.		
Then input "Apple (in Chinese)" [3827] [2591]		
Switch over to "word, number and symbol" input by pressing [P32 input], indicating light "X" will not be on.		
Input "34" [3] [4] Delete a character by pressing [P16 delete] Delete all by pressing [Delete].		
Press [P8] to access to the next item Note: press [P7] to back to the former item		
Display item 03: ISN		
Input ISN, for example input [12345]		
Press [P8] to access to the next item Note: press [P7] to back to the former item		
Display item 04: reference code		
7. Input reference code, for example, input [56789]		
Press [P8] to access to the next item Note: press [P7] to back to the former item		
Display item 05: goods type 0 -- weight; 1 -- count by piece default 0 -- weight goods		
7. Input goods type		
Press [P8] to access to the next item Note: press [P7] to back to the former item		
Display item 06: weight unit 0-- piece; 1 --kg; 2 -- 1b; 3 -- Jin Default 1 --kg		
If input is required, please press [delete] before inputting		
Press [P8] to access to the next item Note: press [P7] to back to the former item		
Display item 07: unit price Unit: cent For example, unit price is "12.00" Yuan/kg (or Yuan /piece)		
11. Input unit price [1200]		

Press [P8] to access to the next item Note: press [P7] to back to the former item		
Display item 08: max. retail price Unit: cent Default is 0.		
12. If input is required, please press [delete] before inputting		
Press [P8] to access to the next item Note: press [P7] to back to the former item		
Display item 09: tare weight Unit: g Default is 0		
13. If input is required, please press [delete] before inputting		
Press [P8] to access to the next item Note: press [P7] to back to the former item		
Display item 10: qty. of-pre-packed Default is 0		
14. If input is required, please press [delete] before inputting		
Press [P8] to access to the next item Note: press [P7] to back to the former item		
Display 11: label format No. Default is 0 -- pre-defined label number		
15. If input is required, please press [delete] before inputting		
Press [P8] to access to the next item Note: press [P7] to back to the former item		
Display item 12: F1F2 Default is 24		
16. If input is required, please press [delete] before inputting		
Press [P8] to access to the next item Note: press [P7] to back to the former item		
Display item 13: barcode format 1 - - 2F5C5XS 2 - - 1F6C5XS 3 - - 2F10CS 4 - - 2F5C5P5XS 5 - - 2F5C5X5PS 6 - - 1F6C5P5XS 7 - - 1F6C5X5PS 8 - - 2F4C6XS 9 - - 1F4C7XS 10 - - 1F5C6XS 11 - - 2F4C5X6PS 12 - - 2F4C6P5XS 13 - - 1F5C5X6PS 14 - - 1F5C6P5XS		

If it is lower than 0, it is a customized barcode, its absolute value of it will be the barcode number, default is 1		
17. If input is required, please press [delete] before inputting , if the "-" is to be input, please press [P5] for 3 times		
Press [P8] to access to the next item Note: press [P7] to back to the former item		
Display item 14: section X type 0-- weight / Qty.; 1-- amount default 1 -- amount		
18. If input is required, please press [delete] before inputting		
Press [P8] to access to the next item Note: press [P7] to back to the former item		
Display item 15: expiration date Unit: day Default 0 -- that very day		
19. If input is required, please press [delete] before inputting		
Press [P8] to access to the next item Note: press [P7] to back to the former item		
Display item 16: sales day offset Unit: day Default 0-- that very day		
20. If input is required, please press [delete] before inputting		
Press [P8] to access to the next item Note: press [P7] to back to the former item		
Display item 16: sales time offset Unit: minute Default 0-- current time		
21. If input is required, please press [delete] before inputting		
Press [P8] to access to the next item Note: press [P7] to back to the former item		
Display item 18: packaging day offset Unit: day Default 0- that very day		
22. If input is required, please press [delete] before inputting		
Press [P8] to access to the next item Note: press [P7] to back to the former item		
Display item 19: packaging time offset Unit: min. Default 0 - current time		
23. If input is required, please press [delete] before inputting		
Press [P8] to access to the next item Note: press [P7] to back to the former item		
Display item 20: major group No.		
24. If input is required, please press [delete] before inputting		
Press [P8] to access to the next item		

Note: press [P7] to back to the former item		
Display item 21: place of origin		
25. Input is the same as the way of product name		
Press [P8] to access to the next item		
Note: press [P7] to back to the former item		
Display item 22: brand		
26. Input is the same as the way of product name		
Press [P8] to access to the next item		
Note: press [P7] to back to the former item		
Display item 23: the first line of product instruction		
27. Input is the same as the way of product name		
Press [P8] to access to the next item		
Note: press [P7] to back to the former item		
Display item 24: the second line of product instruction		
28. Input is the same as the way of product name		
Press [P8] to access to the next item		
Note: press [P7] to back to the former item		
Display item 25: the third line of product instruction		
29. Input is the same as the way of product name		
Press [P8] to access to the next item		
Note: press [P7] to back to the former item		
Display item 26: the fourth line of product instruction		
30. Input is the same as the way of product name		
Press [P8] to access to the next item		
Note: press [P7] to back to the former item		
Display item 27: the fifth line of product instruction		
31. Input is the same as the way of product name		
Press [P8] to access to the next item		
Note: press [P7] to back to the former item		
Display item 28: the sixth line of product instruction		
32. Input is the same as the way of product name		
Press [P8] to access to the next item		
Note: press [P7] to back to the former item		
Display 29: the seventh line of product instruction		
33. Input is the same as the way of product name		
Press [P8] to access to the next item		
Note: press [P7] to back to the former item		
Display item 30: the eighth line of product instruction		
34. Input is the same as the way of product name		
Press [P8] to access to the next item		
Note: press [P7] to back to the former item		
Display item 31: the ninth line of product instruction		
35. Input is the same as the way of product name		
Press [P8] to access to the next item		
Note: press [P7] to back to the former item		

Display item 32: the tenth line of product instruction		
36. Input is the same as the way of product name		
Press [P8] to access to the next item Note: press [P7] to back to the former item		
Display item 33: title of product instruction		
37. Input is the same as the way of product name		
Press [P8] to access to the next item Note: press [P7] to back to the former item		
Display item 34: additional product instruction		
38. Input is the same as the way of product name		
Press [P8] to access to the next item Note: press [P7] to back to the former item		
Display item 35: print out the expiration date 0 -- no; 1 -- Yes Default 0		
39. If input is required, please press [delete] before inputting		
Press [P8] to access to the next item Note: press [P7] to back to the former item		
Display item 36: print out the sales day 0 -- no; 1 -- Yes Default 0		
40. If input is required, please press [delete] before inputting		
Press [P8] to access to the next item Note: press [P7] to back to the former item		
Display item 37: print out the sales time 0 -- no; 1 -- Yes Default 0		
41. If input is required, please press [delete] before inputting		
Press [P8] to access to the next item Note: press [P7] to back to the former item		
Display item 38: print out the packaging day 0 -- no; 1 -- Yes Default 0		
42. If input is required, please press [delete] before inputting		
Press [P8] to access to the next item Note: press [P7] to back to the former item		
Display item 39: print out the packaging time 0 -- no; 1 -- Yes Default 0		
43. If input is required, please press [delete] before inputting		
Press [P8] to access to the next item Note: press [P7] to back to the former item		
Display item 40: open up unit price 0 -- no; 1 -- Yes Default 0		

44. If input is required, please press [delete] before inputting		
Press [P8] to access to the next item Note: press [P7] to back to the former item		
Display item 41: discount is allowed 0 -- no; 1 -- Yes Default 0		
45. If input is required, please press [delete] before inputting		
Press [P8] to access to the next item Note: press [P7] to back to the former item		
Display item 42: sales forbidden 0 -- no; 1 -- Yes Default 0		
46. If input is required, please press [delete] before inputting		
Press [P8] to access to the next item Note: press [P7] to back to the former item		
Display item 43: price limit is allowed 0 -- no; 1 -- Yes Default 0		
47. If input is required, please press [delete] before inputting		
Press [P8] to access to the next item Note: press [P7] to back to the former item		
48. Press [print] to save data		
Repeat step 2 ~ step 48, many goods can be edited (note: from step 2 ~ step 48, data can be saved at any time; if data is not to be saved, press [zero set]).		
49. Press [zero set] to back to transaction interface		

Error information

Error No.	Error description	Error disposal
100	Common error at start-up	Respectively determined by the system according to actual situation
101	Database error at start-up	Database will be formatted automatically by the system and restart
102	Zero set error of AD at start-up	Objects on the scale shall be removed and restart the scale
110	Common system error	Respectively determined by the system according to actual situation
111	Memory error	Restart system
112	Overtime	Not disposed
120	Common printing error	Respectively determined by the system according to actual situation
121	Over temperature of printing	Power off and require repair
122	Print head starts	Close the print head
123	Thermal print head is not ready	Power off and require repair
124	Power error	Power off and require repair
125	Other failures suffered by print board and printer	Power off and require repair
130	Common AD error	Power off and require repair
140	Common data system error	Respectively determined by the system according to actual situation
141	Database start error	Database will be formatted automatically by the system and restart

142	Database adding error	Database will be formatted automatically by the system and restart
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The following warnings are provided when the user got an obvious improper operation, a pop-up will be available

Warning No.	Warning description	Warning disposal
221	No paper	Get paper
222	No peeling	Peel off the label
223	Motor is running	Wait until the motor stops
241	Record is already existed	Change another record which is not existed
242	Record is not existed	The record to be edited is not existed
260	Common network error	No disposal
261	Upgrade package is out of range	No disposal
401	Invalid goods	No disposal
402	Goods not existed	No disposal
403	Goods shall not be blank	No disposal
404	Overflow of unit price	No disposal
411	Overflow of transaction price	No disposal
414	Pending order is not available	No disposal
415	Old transaction record is not existed	No disposal
421	Too transaction information	No disposal
422	No transaction information	No disposal
423	Deleting transaction information is failed	No disposal
431	Illegal payment	No disposal
432	Too much payment information	No disposal
441	Illegal price	No disposal
442	Price variation is forbidden	No disposal
452	Weight overflow	No disposal
454	Tare weight exceeds	No disposal
457	Too small weight	No disposal
461	Goods preset key error	No disposal
462	Function preset key error	No disposal
463	Input error	No disposal
464	Input overflow	No disposal
471	Under print test	No disposal
473	Non-sales mode	No disposal
481	Invalid discount	No disposal
491	Barcode format not existed	No disposal