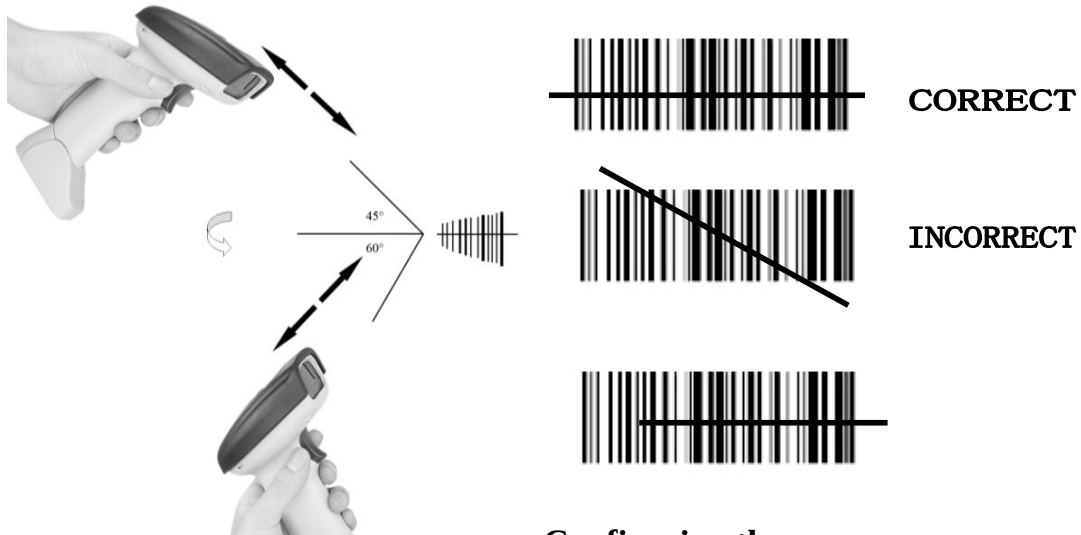


transmits barcode message to the Host.

4. To instantly upload data, please make sure that the terminal is in range and associated to the base, or program will automatically turn into storage mode. The terminal communicates with the base at long distance of 150 meters indoor or 300 meters outdoor.



Configuring the scanner

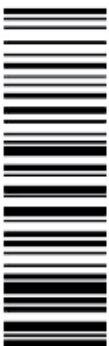
Play around in the settings menu to configure the device to your exact specifications.

Setting Code	Description	Note
 Normal Mode (instant upload mode)	Scan this code to enter normal scanning mode. Under this mode, data will be transmitted to the base upon scan. (defaulted)	The scanner emits 1 beep and the blue light flashes once when the base successfully receives signals. The scanner emits 3 beep and the blue indicator flashes 3 times when the base is not successfully associated with scanner. The scan result will be automatically stored in the scanner. Storage mode will be activated to replace normal mode when the base fails 3 times in a row receiving a signal.

 Storage Mode	Scan this code to enter Storage mode. Under this mode, scans will be stored in the scanner.	Under this mode, the red light is on. The blue light will flash when a code is successfully read and stored.
 Upload data	Scan this code to uploading stored data. All data in the scanner will be uploaded to the corresponding base. (Note: if the data of previous operations are not cleared but still stored in the scanner, they will also be uploaded.)	You can scan this code to re-upload all stored data when uploading is stopped due to improper base association. (During uploading, the scanner responds as under normal mode)
 Upload data of last operation.	Scanner this code to upload data of the last operation (from the last startup) to the base.	

Configuring the scanner (continued)

 Resume broken upload	Scan this code to resume uploading data from the breakpoint.	You can scan this code to resume uploading from the breakpoint when uploading is broken down (when the base is disconnected or powered off). e.g.: if uploading is broken down at the 6th code of total 10 stored codes. Scan this code, the uploading will continue from the 6th code to the last. During uploading, the beeper indicates the same as under normal mode. (please, see normal mode)
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 Show total number of scans	Scan this code to show total number of stored scans.	This counts by the number of carriage return.
 Show number of last scans	Scan this code to show number of last stored scans. Note: this counter shows new scan number after “uploading data of last operation”.	
 Clear storage (use with caution)	Scan this code to clear scanner storage. (To scan this code, please turn the scanner by 90 °)	On a successful clearing, the blue light flashes once · (Available under both normal mode and storage mode)

Scanner Transmitter Setting



Enter setting

Setting Code	Description	Note
 Set transmitter channel	Set working channel: e.g.: NT 111=10#, set working channel 10. Range: 00-15, end with #.	0# 1# ... 15#
 Set transmitter ID	Set transmitter ID: e.g.: NT 121=100#, set transmitter ID 100. Range: 1-254, end with #.	1#, 2#... ...100#, ... 254#

 Set corresponding receiver ID	Set transmitter reporting to a named receiver. e.g.: NT 122=200#, set corresponding receiver ID 200. Range: 1-254, end with #.	1#, 2#... ...100#, ... 254#
 Set beeper	Activate or deactivate beeper function to indicate whether or not the signals are received during uploading data. Signals received: 1 beep Signals not received: 3 consecutive beeps Note: this function will affect scanning speed. Scanning speed is 1 code per second when it is activated and 3 codes per second when not. Range: 2#, 3#.	2# 3#
 Restore all original transmitter settings	Restore this module to original settings.	



Save& Exit

Scanner receiver setting



Enter setting

Setting Code	Description	Note
 Set receiver channel	Set receiver channel: e.g.: NT 211 = 10#, set working channel 10. Range: 00-15, end with #.	0# 1# ... 15#
 Set receiver ID	Set receiver ID: e.g.: NT 221=100#, set transmitter ID 200. Range: 1-254, end with #.	1# 2# ... 100#, ... 254#

 Enable scanner ID report	Display scanner ID at the receiving end.	
 Disable scanner ID report	Do not display scanner ID at the receiving end.	
 Set Tab between ID and barcode	Set the delimiter between ID and barcode a Tab when ID report is enabled. (Default setting)	e.g.: scanner ID=10, barcode=12345; display: 10 12345
 Set White Space between ID and barcode	Set the delimiter between ID and barcode white space when ID report is enabled.	e.g.: scanner ID=10, barcode=12345; display: 10 12345
 Set “-” between ID and barcode	Set the delimiter between ID and barcode a “-” when ID report is enabled.	e.g.: scanner ID=10, barcode=12345; display: 10- 12345
 Restore all original receiver settings	Restore this module to original settings.	



Save & Exit

Note: After a programming operation, the reader will emit beeps and the light will flash to indicate association to the base. Put the reader close to the base. Unplug the base for a few seconds then plug it back. The light and the beeper will stop on a successful setting. Then the reader will perform on the new setting.

Repeated code detection setting

Setting code	Function	Description
 Enable repeated code detection	Enable repeated code detection. Note: this setting will be automatically saved and remain effective after power failure.	When this function is activated, the scanner will give an error alarm with 5 beeps and automatically cancel the last repeated code if a repeated code is

		scanned.
 Disable repeated code detection	Disable repeated code detection. Note: this setting will be automatically saved and remain effective after power failure.	

The above detecting time can be adjusted by scanning the following codes:
(default: 6 seconds)



Enter setting

Set detecting time 6 seconds 	Set detecting time 5 seconds 
Set detecting time 4 seconds 	Set detecting time 3 seconds 
Set detecting time 2 seconds 	Set detecting time 1 seconds 



Save & Exit

Appendix – 1

0 – 9, #, TEST 1234567890



0



1



2



4



6



8



#



Restore All Original Scanner Settings



3



5



7



9



TEST 1234567890



Start Wireless Scanning



Display version information

Troubleshooting the scanner

This table lists potential problems and their solutions.

Symptom	Cause	Solution
The base does not upload data.	When the reader is out of range and not	To restore normal mode, scan the normal mode code on the white association