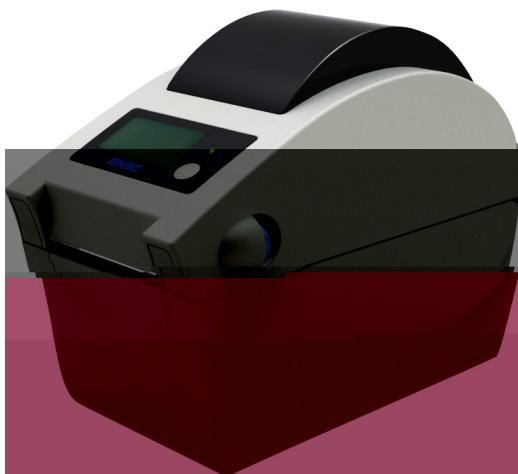


# BTP- L520



2012

1.0



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10)

11)

12)

13)

14)

2

15)

16)

1	.....	1
1.1	.....	1
1.2	.....	1
1.3	.....	2
1.4	.....	2
1.5	.....	3
2	.....	3
2.1	.....	3
2.2	.....	4
2.3	.....	5
2.3.1	.....	5
2.3.2	.....	5
2.3.3	.....	6
2.3.4	.....	6
2.4	.....	8
2.5	.....	11
2.5.1	.....	11
2.5.2	.....	11
2.5.3	.....	11
2.5.4	.....	12
2.6	.....	13
2.6.1	.....	13
2.6.2	.....	15
3	.....	16
3.1	.....	16
3.1.1	.....	16
3.1.2	.....	16
4	.....	19

---

4.1	.....	19
4.2	.....	19
4.3	.....	20
5	.....	21
5.1	.....	21
5.2	.....	22
	.....	23
1	.....	23
1.1	.....	23
1.2	.....	25
2	.....	27
2.1	.....	27
2.2	.....	33
3	.....	33
4	.....	34
4.1	.....	34
4.2	.....	35
4.3 USB	.....	35
4.4	.....	36
5	.....	37

1

1.1

BTP-L520

/ /

BTP-L520

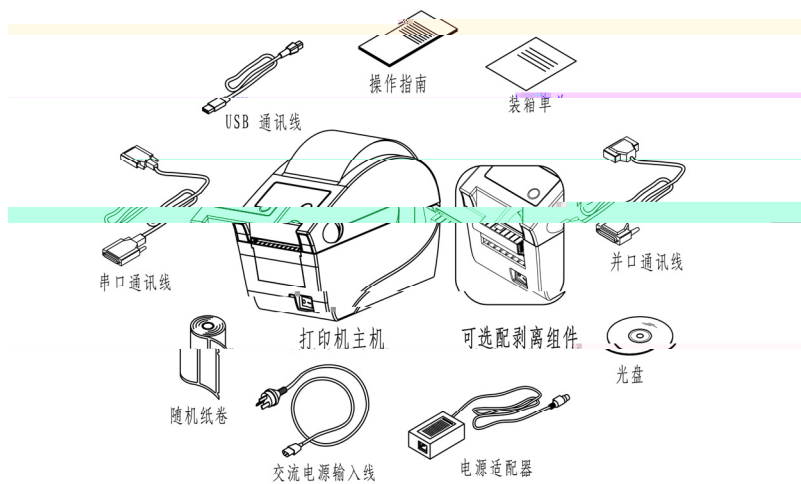
Windows 2000/Windows XP/Windows server  
2003/WindowsVista/Windows server 2008/Win7

DLL

32

1.2

USB



### 1.2.1

## 1.3

15°

## 1.4

1)

2)

3)

220V



## 1.5

1)

2)

3)



## 2

## 2.1

1—

4—

7—

10—

13—

16—

19—

22—

25—

28—

31—

2—

5—LOGO

8—

11—

14—

17—

20—

23—

26—

29—USB

32—

3—

6—

9—

12—

15—

18—

21—

24—

27—

30—



2.3

2.3.1



2.3.1

2.3.2

	BPLB	
		38400,N,8,1


2.3.2

2.3.3

1)

FLASH

FLASH

2)

/		

2.3.3

2.3.4

12864



BTP-L520

		( )	( )
		LOGO FV1.000	LOGO Barcode Printer FV1.000
		LOGO	LOGO Barcode Printer Printing...
		LOGO	LOGO Barcode Printer Head Open
		LOGO	LOGO Barcode Printer Paper Out
		LOGO	LOGO Barcode Printer Com Error
		LOGO	LOGO Barcode Printer Calibrate Fail
		LOGO	LOGO Barcode Printer TphVol OverDown
		LOGO	LOGO Barcode Printer Head Overheat
		LOGO	LOGO Barcode Printer Head OverCold

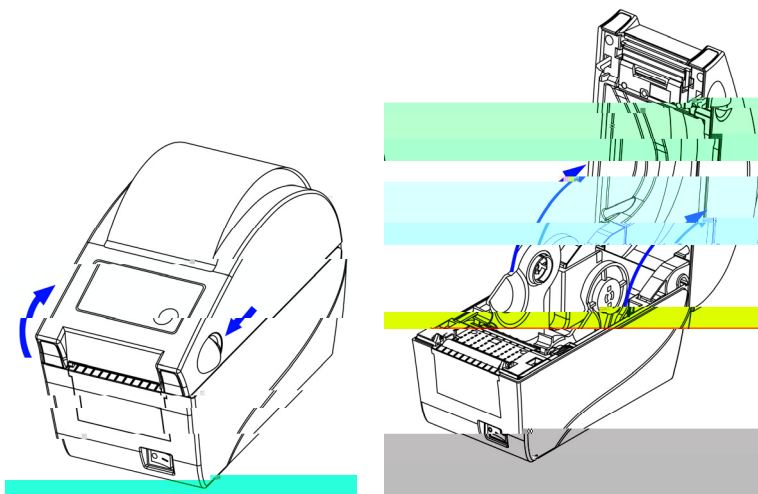
	LOGO	LOGO Barcode Printer System Error
--	------	---

2.3.5

2.4

1)

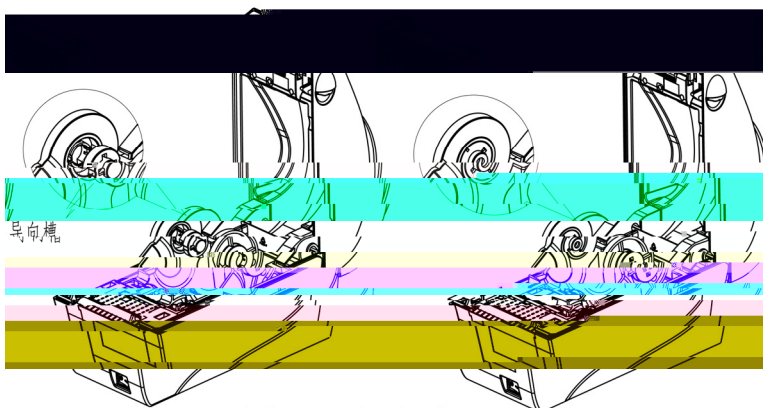
2.4.1



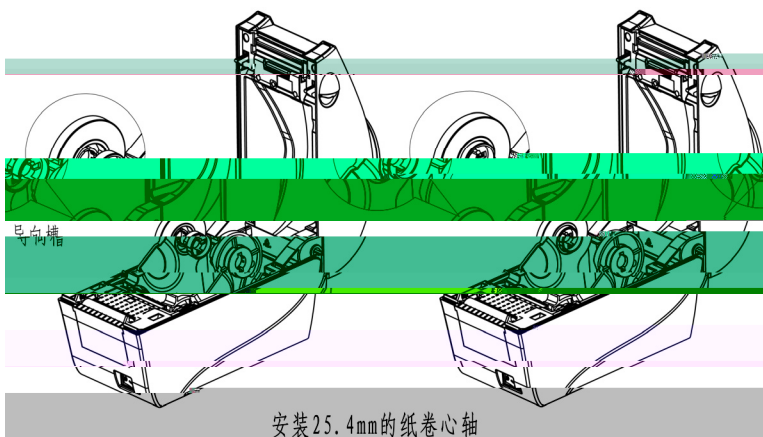
2.4.1

2)

2.4.2



安装12.5mm的纸卷心轴



安装25.4mm的纸卷心轴

2.4.2

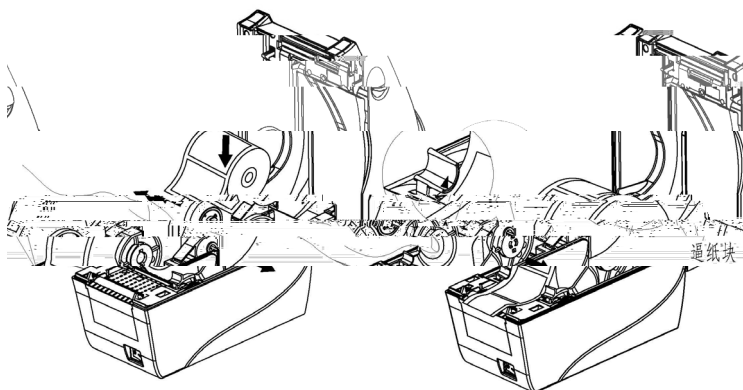


12.5mm 1/2

25.4mm 1

3)

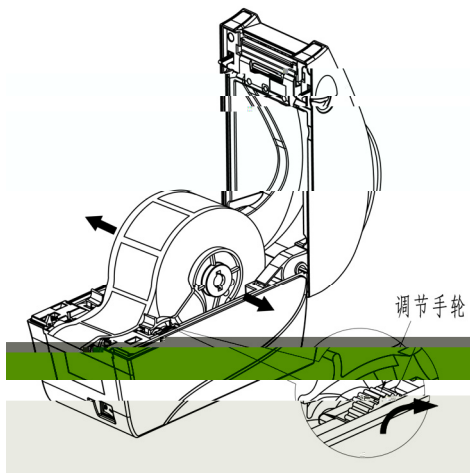
2.4.3



2.4.3

4)

2.4.4



2.4.4

2.5

2.5.1

1)

2)



2.5.2

1)

1

2.1

2)

3)

2.5.3



2.6.1

2.5.4

**A**

**B**

1)

2)

2

3)



2.6

[www.newbeiyang.com.cn](http://www.newbeiyang.com.cn)

2.6.1

32 :Windows 2000/Windows

XP/Windows server 2003/WindowsVista/Windows server 2008/Win7

64 Windows XP/Windows server

2003/WindowsVista/Windows server 2008/Win7

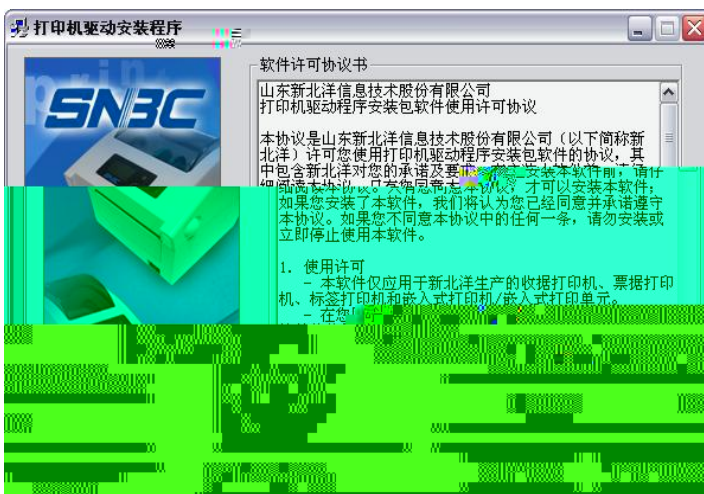
1) " Setup.exe"

"

"

"

"



2)

"

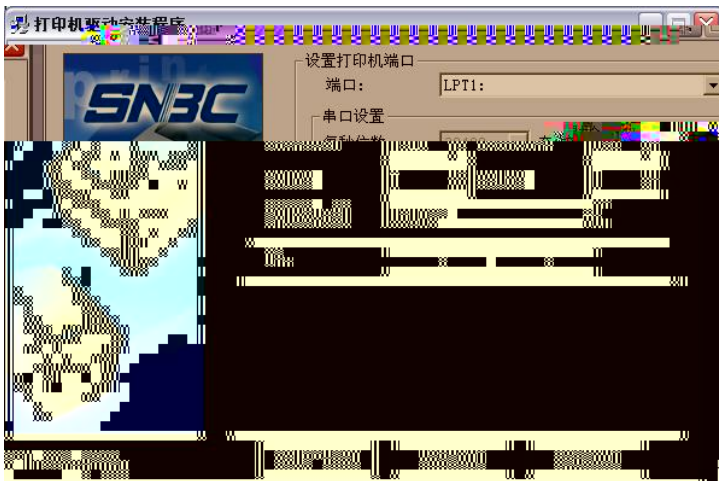
"

"

"



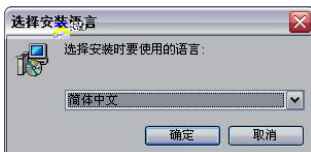
- 3) " "
  - 4) " "
  - 5) " LPT1"
- " BYCOMx" x 1 2
- 3 4 5 6 7 8 " "



## 2.6.2

Windows 2000/WindowsXP/Windows Server  
2003/WindowsVista/Win7

## 1 Setup.exe



2 " (N)&gt;"

3)

" " " (N)&gt;"

4) " (N)&gt;"

5) " (N)&gt;"



6) " (N)&gt;"

### 3

#### 3.1

##### 3.1.1

	00—30	
	-99—99	1
	-99—99	8 4 4
	-99—99	8 8 1

##### 3.1.1



203DPI 1 mm 8 300DPI 1 mm 12

##### 3.1.1

##### 3.1.2

1)

A B

C



3.3.2



A

B

2)

D E

F

3.3.3



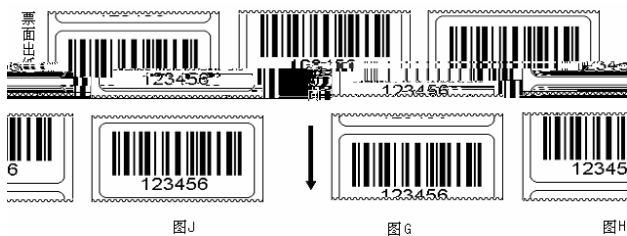
D

E

3)

G H

J



3.3.4



G

H

4

4.1

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#P, 10 fA Q W d,, • 1 Y= à

3)

4) 5-10

4.3

1)

2)

3) 5-10





		<u>2 2</u>

5.1.1

5.2

1

1.1

		BTP-L520
		203DPI
	Max.	56mm
	Max.	152mm/s
	CPU	32bit RISC
		FLASH 4MB SDRAM 64MB FLASH 8MB
		RS-232 + USB RS-232 USB CENTRONICS
Max.		127mm
Max.		15~62mm
		12.5mm/25.4mm

---

1 8

/  
0°, 90°, 180°, 270°

## 1.2

1 mm

	<p>无黏合剂纸</p>	15 a 62
	<p>带黏合剂纸</p>	15 a 62 15 b 56 c 3

2 mm

	<p>出纸方向</p>	15 a 62 b 3 15 c 56 d 10 e 2
	<p>出纸方向</p>	15 a 62 b 10 c a/2 d 5 e 2

	<p>The diagram shows a cross-section of a printing mechanism. A paper sheet is being processed by a roller system. Dimension 'a' is the total height of the roller assembly. Dimension 'b' is the distance between two rollers. Dimension 'c' is the height of a specific roller. Dimension 'd' is the height of another roller. Dimension 'e' is the height of a component on the left. An arrow on the right indicates the '出纸方向' (paper output direction).</p>	15 a 62 b 10 c a/2 d 10 e 4
--	---	---

1.3.2

## 2.1

## 1 (BPLA)

.....	BTP-L520
BOOT .....	FV1.000
MAIN .....	FV1.000
HV .....	BARMV2
.....	
.....	
.....	
.....	
.....	38400
.....	8 BITS
.....	
.....	1 BITS
.....	
.....	
.....	197
.....	255
.....	8192K
.....	8912K
.....	5364K
.....	



.....  
.....  
.....  
.....  
..... 032K  
..... 080mm  
..... 056byte  
..... 056mm  
..... 18  
..... 152mm/s  
..... 152mm/s  
..... 152mm/s  
.....  
.....  
..... BPLA  
..... 203DPI  
.....  
..... FV2.020  
IP ..... 192.168.\*.\*\*\*  
..... \*\*\*\*\*  
..... 255.255.255.\*  
..... 192.168.\*.\*  
DHCP..... Disabled  
2 (BPLB)

<PRINTER CONFIGURATION>



---

MODEL.....	BTP-L520
BOOT FIRMWARE.....	FV1.000
MAIN FIRMWARE.....	FV3.000
HV EDITION.....	BARMV2
PRINT MODE.....	REWINDER
PRINT METHOD.....	DIRECT THERMAL
PRINTER BUFFER.....	DOUBLE BUFFER
SERIAL CHECK.....	UNALLOWED
BAUD.....	38400
DATA BITS.....	8 BITS
PARITY.....	NONE
STOP BITS.....	1 BITS
HOST HANDSHAKE.....	RTS/CTS
MEDIA SENSOR.....	MASK
THRESHOLD.....	197
CURRENT VALUE.....	255
FLASH MEMORY.....	8192K
STANDARD RAM.....	8912K
AVAILABLE RAM.....	5364K
AUTO UP.....	UNALLOWED
ASB RETURN.....	UNALLOWED
SOH COMMAND.....	ALLOWED
SYNTAX CHECK.....	UNALLOWED
MEASURE UNIT.....	DOT
SYSTEM BUFFER.....	032K
LABEL LENGTH.....	080mm



BTP-L520

---

BUFFER WIDTH.....056byte  
TPH WIDTH.....056mm  
DARKNESS.....18  
PRINT SPEED.....152mm/s  
FEED SPEED.....152mm/s  
BACKFEED SPEED.....152mm/s  
CALIBRATION MODE.....UNNEEDED  
PAPER TYPE.....CONTINUE  
COMMAND MODEL.....BPLB  
RESOLUTION.....203DPI

INTERFACE TYPE.....ETHERNET  
FIRMWARE.....FV2.020  
IPADDRESS.....192.168.\*.\*  
MAC ADDRESS.....\*\*\*\*\*  
SUBNET MASK.....255.255.255.0  
GATEWAY.....192.168.\*.\*  
DHCP.....Disabled

3 (BPLZ)

<PRINTER CONFIGURATION>

MODEL.....BTP-L520  
BOOT FIRMWARE.....FV1.000  
MAIN FIRMWARE.....FV5.000  
HV EDITION.....BARMV2  
PRINT MODE.....REWINDER  
PRINT METHOD.....DIRECT THERMAL



BTP-L520




---

CALIBRATION MODE.....UNNEEDED  
 PAPER TYPE.....CONTINUE  
 COMMAND MODEL.....BPLZ  
 RESOLUTION.....203DPI

INTERFACE TYPE.....ETHERNET  
 FIRMWARE.....FV2.020  
 IPADDRESS.....192.168.\*.\*  
 MAC ADDRESS.....\*\*\*\*\*  
 SUBNET MASK.....255.255.255.0  
 GATEWAY.....192.168.\*.\*  
 DHCP.....Disabled

.....  
 .....  
 IP .....  
 .....  
 .....  
 .....  
 DHCP.....

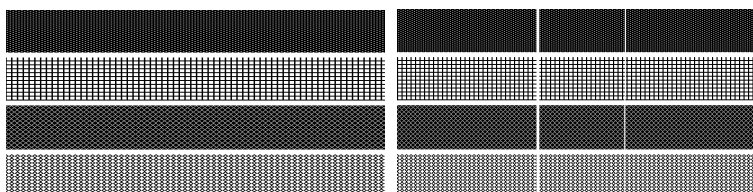
INTERFACE TYPE.....ETHERNET  
 FIRMWARE.....GETTING PARMS  
 IPADDRESS.....GETTING PARMS

MAC ADDRESS.....GETTING PARMS  
 SUBNET MASK.....GETTING PARMS  
 GATEWAY.....GETTING PARMS  
 DHCP.....GETTING PARMS

2.2

2.1

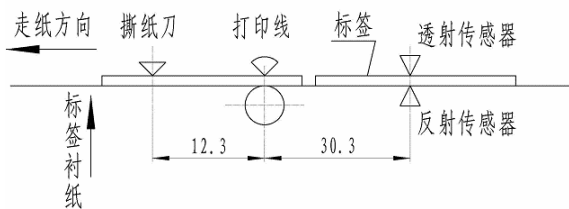
2.2



2.1

2.2

3



3.1



3.3.2

4

4.1

1

1			
2	RXD		
3	TXD		
4	DTR		
5	SG		
6	DSR		
7	RTS		
8	CTS		
9	FG		

4.1.1

2

PC  
 TXD-----RXD  
 RXD-----TXD  
 CTS-----RTS  
 RTS-----CTS  
 SG -----SG



3

XON/XOFF  
 PC  
 TXD-----RXD  
 RXD-----TXD

SG -----SG

4.2

IEEE1284

1		/STROBE	13		SELECT
2		Data1	14,15		NC
3		Data2	16	-	Ground
4		Data3	17	-	Ground
5		Data4	18		Vcc
6		Data5	19 ~ 30	-	Ground
7		Data6	31		Vcc
8		Data7	32		/Fault
9		Data8	33		Ground
10		/ACK	34 ~ 35		/NC
11		BUSY	36	-	Vcc
12		PError			

4.2.1



Busy

TTL

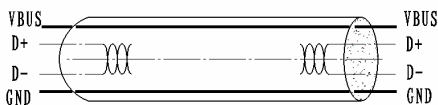
0.5μs

4.3 USB

USB

USB1. 1

USB

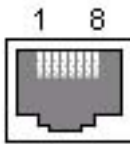


**4.3.1 USB**

4.3.1 D+ D- VBUS +5V  
4.4

1

IEEE802.3 10BASE-T



1	TX+	+
2	TX-	-
3	RX+	+
4	NC	
5	NC	
6	RX-	-
7	NC	
8	NC	

4.4.1

4.4.2

2

450mV

13V

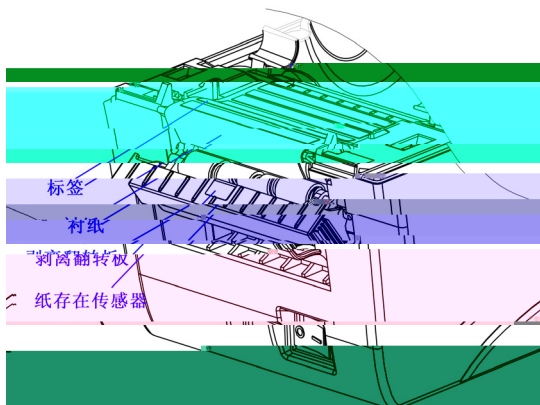
2.5V

160mV

5

1)

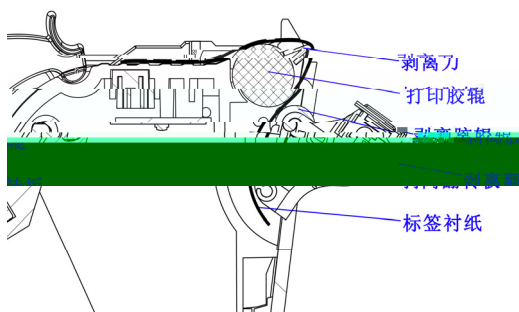
5.1



5.1

2)

5.2



5.2

3)