## VC220 Manual

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# **1** Customer Display Components



## 2 Customer Display Installation

① Connect customer display components to bottom plate expansion board, connect signal cable to COM3; plug one side of power supply into motherboard USB interface, plug the other side into circular power port of the customer display signal cable.

② Push forward the whole component into the host, which having location clip on the left and right side;

③ Fix screws with screw driver from top to bottom to prevent them falling off.

## **3Customer Display Set Discription**

### 3.1 Install customer display setup software

Double click setup software, accept all the default settings.

### 3.2 Use customer display setup software



2 open up the following interface

🔄, VF	D Setup Util	ity Ver 1.04			
Exit	COM Port	PC_Baudrate	VFD_Command	Hardware_Testing	Help
PC	C Com Por	tl		Input Data:	
v	ED Baudrate			Output Data	
	Daucian	~ )		Output Data.)	

🖏 VFD Setup Utility Ver 1.04							
Exit	COM Port PC_Baud	rate VFD_Command	Hardware_Testing	Help			
	COM1	1					
	COM2						
	COM3						
	COM4						
	COM5						
	COM6						
	COM7	600 - 9.1					
PC	COM8	/000,n,8,1	Input Data:				
	COM9		0 · · · D ·				
	COM10		Output Data:				

"COM Port" menu sets which COM port the customer display will connect to.

"PC\_Baudrate" menu sets computer Baud rate.

🔄 VFD Setup Utility Ver 1.04						
Exit COM Port	PC_Baudrate VFD_Command Hardware_Testing Help					
	PC_BaudRate_38400_N_8_1					
	PC_BaudRate_19200_N_8_1					
	PC_BaudRate_9600_N_8_1					
	PC_BaudRate_4800_N_8_1					
	PC_BaudRate_2400_N_8_1					
	PC_BaudRate_1200_N_8_1					
	PC_BaudRate_600_N_8_1					
PC Com Por	PC_BaudRate_300_N_8_1 It Data:					
VFD Baudrate	: Output Data:					

"VFD\_Command" menu sets customer display's Baud rate, language and so on.

🖰, VFD Setup Utility Ver 1.04		
Exit COM Port PC_Baudrate	<u>V</u> FD_Command <u>H</u> ardware_Testing	<u>H</u> elp
	VFD_Baudrate	1
	International_Character	
	Save_Demo_View_Data	
	Cursor_Position_Set	
	Clear_Display_Range	
	Demo_Mode	
Com1:0600	TX_View_Data_to_PC	<u> </u>
PC Com Port: Com1.9000	TX_Data_to_VFD	
VED Davidantes	VFD_Mode	
VFD Baudrate:	Set_All_Default	
		·
1		

## 4Customer Display Test

#### 4.1 Test software installation

Double click setup software, accept all the default settings.

#### 4.2 Use the testing software



1) double click Wincheck icon

on the desktop.

②click "file"-"new" on the interface.

러 н	lisense F	OS V2.1.	.11.1014		
File	Burn	Check	About		
	New				
	Open				*
	Close				
	Exit				
_			-		
					Ŧ
•				Þ	
Read	ly			02:33	ΡŇ

③Printer chooses 'NONE', LineDisplay chooses 'VC220', LineDisplay port chooses the corresponding port that customer display connects to . Mainboard chooses 'D525', COM CashDrawer chooses "NONE", and other options accept the default settings, then click "OK" button。

Se	et then Save			X
	Printer Printer Port LineDisplay LineDisplay Port MainBoard COM CashDrawer	NONE NONE VC220 COM3 D525 NONE	• • • •	<ul> <li>Printer with cashdrawer</li> <li>LineDisplay with cashdrawer</li> <li>Mainborad with 1st cashdrawer</li> <li>Mainborad with 1st cashdrawer</li> <li>Printer with cut</li> <li>Continue or not</li> <li>Check Point (M)</li> </ul>
	Pinter interval (S) LineDisplay CashDrawer interval Save data interval Port interval (S) Total burn time (H)	3600 5 1 (S) 30 (S) 1800 30 12		LPT1 378 LPT2 278 LPT3 278 COM Num 0 LPT Num 1
		OK	]	Cancel

#### Ready...

(a) click "save" button, then click "Burn"-"Start".

File Burn Check About  Start Stop Stop Stop Stop Power Power Check: Yes Check Interval (M): 120 Machine Name Untitled tot file INF file:C:\Users\Administrator.PC=20120313NCGE\Documents\Untitled.Inf Interrupt Times:0 Swipe Card Times:0 Mainboard:563/564/760/761/88510/6921 Printer HK120D/170PD LPT1 Interval:0/3600 ineDisplay:VC110 COM3 Interval:0/5 Save Data Interval:0/1800	ense POS	V2.1.11.1014				×
Start       Stop         Stop       35M:23S         Stop       35M:23S         Power       35M:23S         theck: Yes       Stop         theck Interval (M): 120       120         achine Name Untitled       Stop         total       Stop         over Times: 0       Stop         over Times: 0       Stop         swipe Card Times: 0       Stop         ainboard: 563/564/760/761/86510/6921       Stop         rinter HK120D/170PD LPT1 Interval: 0/3600       Stop         ineDisplay: VC110 COM3 Interval: 0/5       Stop         ave Data Interval: 0/1800       Stop	Burn Ch	neck About				
tart     Stop     35M:23S       ast     Power     35M:23S       otal     Power     35M:23S       heck: Yes         heck Interval (M): 120         achine Name: Untitled         ot file:         NF file: C: \Users\Administrator.PC=20120313NCGE\Documents\Untitled Inf        nterrupt Times:0         wipe Card Times:0         ainboard: 563/564/760/761/86510/6921        rinter: HK120D/170PD LPT1 Interval 0/3600        ainBisplay: VC110 COM3 Interval:0/5	Start.	t    🤝	Est			
<pre>ast otal Power beck: Yes heck Interval (M): 120 achine Name: Untitled ot file: NF file:C:\Users\Administrator.PC=20120313NCGE\Documents\Untitled.Inf nterrupt Times:0 over Times:0 wipe Card Times:0 ainboard:563/564/760/761/86510/6921 rinter HK120D/170PD LFT1 Interval 0/3600 ineDisplay: VC110 COM3 Interval:0/5 ave Data Interval:0/1800</pre>	Stop.	) <u>35M:23</u>	5			-
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R file:C:\Users\Administrator.PC-20120313NCGE\Documents\Untitled.Inf iterrupt Times:0 wer Times:0 inboard:563/564/760/761/88510/6921 inter:HK120D/170PD LPT1 Interval:0/3600 ineDisplay:VC110 COM3 Interval:0/5 we Data Interval:0/1800	e Name:Unt	titled				
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inboard:563/564/760/761/86510/6921 inter:HK120D/170PD LPT1 Interval:0/3600 neDisplay:VC110 COM3 Interval:0/5 we Data Interval:0/1800	limes:0 ard Times	5.0				
inter:HK120D/170PD_LPT1_Interval:0/3600 neDisplay:VC110_COM3_Interval:0/5 we_Data_Interval:0/1800	ard: 563/56	64/760/761/86510/69	21			
we Data Interval:0/1800	HK120D/1	170PD LPT1 Interval 10 COM3 Interval:0/	10/3600 5			
OM Num O LPT Num 1 Interval 0/30	ata Interv a:O LPT Nu	val 0/1800 um 1 Interval 0/30				

# 5. Customer Display Specifications

Model	VC220
Display mode	VFD
Character color	Green
Digital format	5*7 point Matrix
Character size	5.5*10.5 mm
Character	7.4*15.5 mm
Display area(mm)	146.1*29
Power supply	+5V~+24V
Interface	RS-232
Baud rate	9600
Size (W×D×H)	200mm×25mm×65mm
Color	Dark Grey
Stereoscopic height adjustable	Yes
Mean time to failure	20000 hr
Power	5W
Working temperature	0 ℃ - +75℃
Storage temperature	-40 ℃ - +85℃
Working humidity	30- 85%
Storage humidity	30- 90%

## FCC ID: GQK-VC220

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

-- Reorient or relocate the receiving antenna.

- -- Increase the separation between the equipment and receiver.
- -- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.

-- Consult the dealer or an experienced radio/TV technician for

help.