

VC820 / VC840 Output

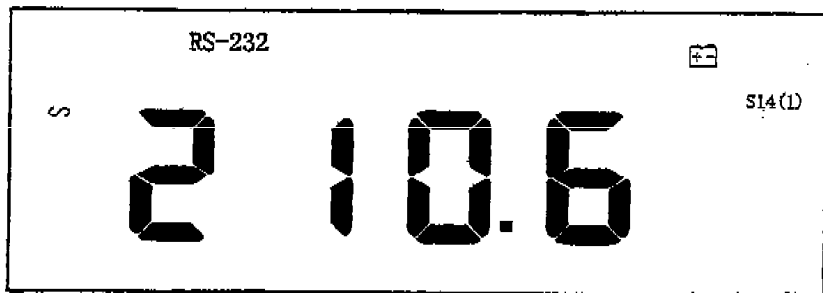
RS232 Output Format

When Measuring Value is updated, the value will be sent out at baud rate 2400 to 14 bytes LCD display. The data format as following :

Bit 7 ~ Bit 4	Bit 3 ~ Bit 0
N	SEGN (COM4 ~ COM1)

N=1~14

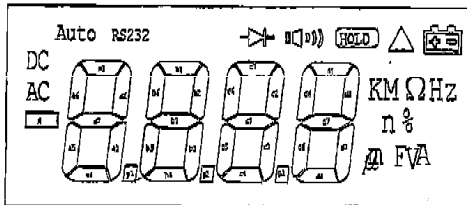
For example,



RS232 output is 15, 25, 3B, 40, 55, 67, 7D, 8F, 9E, A0, B0,C0, D1, E1

For TXD output is at baud rate 2400, N, 8, 1

10.2 9721_LP3 LCD Display (C2 = LCDC2, C1 = LCDC1)



9721_LP3 LCD DISPLAY AND FORMAT








pin	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
COM	COM1	COM2	COM3	COM4	SEG1	SEG2	SEG3	SEG4	SEG5	SEG6	SEG7	SEG8	SEG9	SEG10	SEG11	SEG12	SEG13	SEG14
COM1					COM1	COM2	a1	a2	b1	b2	c1	c2	d1	d2	→	←	⏏	⏏
COM2			COM1		Auto	a5	a7	b5	b7	a6	c7	d6	d7	K	M	△	H2	
COM3		COM3			DC	a5	a3	b5	b3	c5	c3	d5	d3	n	%	Π	V	
COM4	COM4				7C	a4	a4	b4	b4	d2	d4	d2	d4	μ	m	F	A	

The FS9721_LP3 RS232 protocol is as following.

1. Direction : One way to PC.
2. Baud Rate : 2400 bps.
3. Data Bits : 8 bit.
4. Parity : None.
5. Data Form : Hex.
6. Data Length: 14 Bytes.
7. Data Info : LCD table on-off information.
8. Data Format: 1st byte -> 1X (X is seg1, 4 bits represent the data on the LCD table)
 2nd byte -> 2X (X is seg2, 4 bits represent the data on the LCD table)
 3rd byte -> 3X (X is seg3, 4 bits represent the data on the LCD table)
 and so on...
9. X Represent: Bit3-Bit0 -> segn (COM4-COM1)



9721_LP3 LCD DISPLAY AND FORMAT

PIN COR.	1 COM4	2 COM3	3 COM2	4 COM1	5 SEG1	6 SEG2	7 SEG3	8 SEG4	9 SEG5	10 SEG6	11 SEG7	12 SEG8	13 SEG9	14 SEG10	15 SEG11	16 SEG12	17 SEG13	18 SEG14
COM1				COM1	OFF	a1	a2	b1	b2	c1	e2	d1	d2					02,01 0,0
COM2			COM2		AUTO	a5	a7	b6	b7	c6	c7	d6	d7	K	M		Hz	02,03 0,1
COM3		COM3			DC	b5	a3	b5	b3	c5	c3	d5	d3	n	%	Ω	V	02,01 1,0
COM4	COM4				DC		a4	p1	b4	p2	c4	p3	d4		m	F	A	02,01 1,1

