

*USB communication protocol: Conform to USB HID1.1			
Commands to get read-time reading data:			
Report ID	Command 1	Command 2	Command 3
0x00	0x00	0x86	0x66

Real-time download: **Returned 27-byte data table** after sending out 4-byte requested **Commands**

TABLE 1. LCD map

Byte No.	bit 7	bit 6	bit 5	bit 4	bit 3	bit 2	bit 1	bit 0
1	0x00 (Report ID= I)							
2	don't care							
3	AVG	MIN	MAX	H	G	R	AUTO	
4	1b	VFD	bar scale	T2	1f	T1		
5	2b	1g	1c	1d	1e	1f		
6	2b	2g	2c	2d	2e	2f		
7	3b	3g	3c	3d	3e	3f		
8	4b	4g	4c	4d	4e	4f		
9	5b	5g	5c	5d	5e	5f		
10	0x00 (Report ID= II)							
11	6b	T2	6c	6d	6e	6f		
12	7b	7g	7c	7d	7e	7f		
13	8b	8g	8c	8d	8e	8f		
14	9b	9g	9c	9d	9e	9f		
15	10b	10g	10c	10d	10e	10f		
16	A	n	F	S	V	Hz	k	M
17	D%	k	M	Q	u	m	dB	Hz
18	0x00 (Report ID= III)							
19	don't care							
20								
21								
22	Model ID3: 0x86							
23								
24								
25	don't care							
26								
27								

Example for "AC 312.17V / 60.11Hz" dual display reading, output data 27 bytes: 00h, xxh, 01h, 11h, F8h, A0h, 0Ah, A9h, A0h, 00h, 00h, 7Eh, BFh, A0h, 0Ah, 00h, 00h, xxh, xxh, 8Bh, xxh, xxh, xxh, xxh, xxh, xxh

Byte No.	bit 7	bit 6	bit 5	bit 4	bit 3	bit 2	bit 1	bit 0
1	0x00 (Report ID= I)							
2	don't care							
3	AVG	MIN	MAX	H	G	R	AUTO	
4	1b	VFD	bar scale	T2	1f	T1		
5	2b	1g	1c	1d	1e	1f		
6	2b	2g	2c	2d	2e	2f		
7	3b	3g	3c	3d	3e	3f		
8	4b	4g	4c	4d	4e	4f		
9	5b	5g	5c	5d	5e	5f		
10	0x00 (Report ID= II)							
11	6b	T2	6c	6d	6e	6f		
12	7b	7g	7c	7d	7e	7f		
13	8b	8g	8c	8d	8e	8f		
14	9b	9g	9c	9d	9e	9f		
15	10b	10g	10c	10d	10e	10f		
16	A	n	F	S	V	Hz	k	M
17	D%	k	M	Q	u	m	dB	Hz
18	0x00 (Report ID= III)							
19	don't care							
20								
21								
22	Model ID3: 0x86							
23								
24								
25	don't care							
26								
27								

* x: don't care

FIG 1. LCD

