

RVE1060

1 Byte waveform format

Baud Rate	Parity	Valid data bits	Stop bit value	Handshaking	Data type
19200	n	8	1	none	string
38400	n	8	1	none	string

1. RVE1060 -> PC

Display data

Start	Count	ID	Type	Data						Chk
0xfe	xx	0x07	0x20	data1	data2	data3	data4	...	data n	xx

data1~data20 : semi osd upper line display (20digit)

Count = ID -> data n

data21~data40 : semi osd under line display (20digit)

Checksum = count -> data n

LINE1 : INPUT 1~5 or renamed label

LINE2 : HDMI1~2, COMPONENT 1~3, S-VIDEO 1~4, COMPOSITE 1~4

480p , 576p, 720p, 1080i

2. PC -> RVE1060

Start	Count	ID	Type	Key	Chk
0xfe	0x03	0x07	0x10	xx	xx
0xfe	0x03	0x05	0x10	xx	xx

Count = ID -> data n

Checksum = count -> data n

key:

0x00	(Receiver) OSD Menu On
0x01	(Receiver) OSD Menu Off
0x02	
0x03	
0x04	Power Off
0x05	
0x06	Power On + Assigned Video 1
0x07	Power On + Assigned Video 2
0x08	Power On + Assigned Video 3
0x09	Power On + Assigned Video 4
0x0a	Power On + Assigned Video 5
0x0b	
0x0c	Power On
0x0d	Power Toggle
0x0e	Select Input Up
0x0f	Select Input Down

key:

0x10	Menu
0x11	Enter
0x12	Up
0x13	Down
0x14	Left
0x15	Right
0x16	
0x17	
0x18	480p
0x19	576p
0x1a	720p
0x1b	1080i
0x1c	
0x1d	
0x1e	
0x1f	

key:

0x20	Video Output Up (480p, etc.)
0x21	Video Output Down (480p, etc.)
0x22	Aspect 16:9
0x23	Aspect 4:3
0x24	
0x25	
0x26	
0x27	
0x28	
0x29	
0x2a	
0x2b	
0x2c	
0x2d	
0x2e	
0x2f	

0xfe	0x03	0x05	0x10	xx	xx
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key:

0x40	(Receiver) OSD Menu On
0x41	(Receiver) OSD Menu Off
0x42	
0x43	
0x44	Power Off
0x45	
0x46	Power On + Assigned Video 1
0x47	Power On + Assigned Video 2
0x48	Power On + Assigned Video 3
0x49	Power On + Assigned Video 4
0x4a	Power On + Assigned Video 5
0x4b	
0x4c	Power On
0x4d	Power Toggle
0x4e	
0x4f	