

Список команд управления для интерактивных панелей Lumien

Перечисленные ниже команды применяются для следующих моделей интерактивных панелей Lumien:

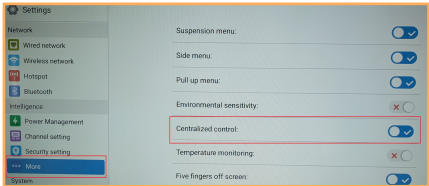
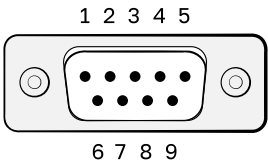
- LMP6502CL
- LMP7502CL
- LMP8602CL
- LMP9802CL

Настройки подключения RS232:

- Скорость обмена: 115200 бит/с
- Битов данных: 8 бит
- Паритет: нет
- Стоп бит: 1
- Начало команды 99,
- Код клиента 23 ,
- Код ID функции,
- Код идентификатора устройства (обычно 01 без специальных инструкций),
- Контрольная цифра + код ID функции = FF,
- Конец команды AA

Подключение:

- 2 и 3 – сигнал,
- 5 – земля,
- Вкл. RS-232



| Команда                                | HEX               |                   |
|----------------------------------------|-------------------|-------------------|
| Booting                                | 99 23 01 01 FE AA | 99 FF FD 00 00 AA |
| Shutdown                               | 99 A2 01 01 27 AA | 99 A2 FD 00 00 AA |
| HOME                                   | 99 23 00 01 FF AA |                   |
| Mute                                   | 99 23 02 01 FD AA |                   |
| image mode                             | 99 23 04 01 FB AA |                   |
| ATV                                    | 99 23 07 01 F8 AA |                   |
| Video                                  | 99 23 08 01 F7 AA |                   |
| Screenshots                            | 99 23 1C 01 E3 AA |                   |
| first (of multiple parts)              | 99 23 22 01 DD AA |                   |
| arrive at (a decision, conclusion etc) | 99 23 23 01 DC AA |                   |
| queer                                  | 99 23 24 01 DB AA |                   |
| right (-hand)                          | 99 23 25 01 DA AA |                   |
| Component                              | 99 23 0A 01 F5 AA |                   |
| VGA                                    | 99 23 0B 01 F4 AA |                   |
| HDMI1                                  | 99 23 0E 01 F1 AA |                   |
| HDMI2                                  | 99 23 0F 01 F0 AA |                   |

|                                                |                        |                         |
|------------------------------------------------|------------------------|-------------------------|
| Front HD                                       | 99 23 10 01 EF AA      |                         |
| Built-in computer                              | 99 23 11 01 EE AA      |                         |
| Menu                                           | 99 23 12 01 ED AA      |                         |
| Signal source                                  | 99 23 13 01 EC AA      |                         |
| Exit                                           | 99 23 14 01 EB AA      |                         |
| energy saving/listening alone                  | 99 23 16 01 E9 AA      |                         |
| Sound+                                         | 99 23 17 01 E8 AA      |                         |
| Sound-                                         | 99 23 18 01 E7 AA      |                         |
| Whiteboard                                     | 99 23 20 01 DF AA      |                         |
| Determination                                  | 99 23 26 01 D9 AA      |                         |
| TYPE-C                                         | 99 23 11 03 EE AA      |                         |
| Touch screen control (on)                      | 99 23 28 01 D7 AA      |                         |
| Touch screen control (off)                     | 99 23 29 01 D6 AA      |                         |
| Physical button control (on)                   | 99 23 2A 01 D5 AA      |                         |
| Physical button control (Off)                  | 99 23 2B 01 D4 AA      |                         |
| External port (USB) control (on)               | 99 23 2C 01 D3 AA      |                         |
| External Port (USB) Control (Off)              | 99 23 2D 01 D2 AA      |                         |
| Controls the front VGA                         | 99 23 2E 01 D1 AA      |                         |
| control the HDMI terminal                      | 99 23 2F 01 D0 AA      |                         |
| Driver board information query                 | 99 23 30 01 CF AA      |                         |
| Broadcast Distribution (Switch to Built-in PC) | 99 23 31 01 CE AA      |                         |
| HDMI screen shifted down                       | 99 23 32 01 CD AA      |                         |
| Setting the sound (0)                          | 99 23 37 00 C8 AA      |                         |
| Setting the sound (50)                         | 99 23 37 32 C8 AA      |                         |
| Setting the sound (100)                        | 99 23 37 64 C8 AA      |                         |
| Set backlight (0)                              | 99 23 36 00 C9 AA      |                         |
| Setting the backlight (50)                     | 99 23 36 32 C9 AA      |                         |
| Setting the backlight (100)                    | 99 23 36 64 C9 AA      |                         |
| Setting the backlight                          | 99 23 36 (00-64) C9 AA | 648 828 added           |
| Setting the volume                             | 99 23 37 (00-64) C8 AA | 648 828 added           |
| Board reboot                                   | 99 23 38 01 C7 AA      | 648 Added               |
| Volume                                         | 99 23 FE 01 CC AA      | CX Customisation        |
| Signal channel                                 | 99 23 FE 02 CB AA      | CX Customisation        |
| touch screen status                            | 99 23 FE 03 CA AA      | CX Customisation        |
| the state of the physical keys                 | 99 23 FE 04 C9 AA      | CX Customisation        |
| external port (USB) status                     | 99 23 FE 05 C8 AA      | CX Customisation        |
| Front VGA status                               | 99 23 FE 06 C7 AA      | CX Customisation        |
| Front HDMI status                              | 99 23 FE 07 C6 AA      | CX Customisation        |
| current backlight value                        | 99 23 FE 08 C5 AA      | CX Custom 648 828 added |
| audio mute state                               | 99 23 FE 09 C4 AA      | CX Custom 648 828 added |
| Current time                                   | 99 23 FE 0A C3 AA      | CX Custom 648 828 added |

#### V100 (6780) RS232 Central Control Code

- Start code :99,
- Customer code 23,
- Function ID CODE &Device ID code Default 01,
- Verifying code + Function ID code =FF,
- Finished code :AA

| Команда            | 16 HEX            |
|--------------------|-------------------|
| Turn on            | 99 23 01 01 FE AA |
| Turn off           | 99 A2 01 01 27 AA |
| HOME               | 99 23 00 01 FF AA |
| Mute               | 99 23 02 01 FD AA |
| Picture Mode       | 99 23 04 01 FB AA |
| YPbPr              | 99 23 0A 01 F5 AA |
| VGA                | 99 23 0B 01 F4 AA |
| HDMI1              | 99 23 0E 01 F1 AA |
| HDMI2              | 99 23 0F 01 F0 AA |
| Front HDMI         | 99 23 10 01 EF AA |
| Built in -OPS      | 99 23 11 01 EE AA |
| Source for Signals | 99 23 13 01 EC AA |
| EXIT               | 99 23 14 01 EB AA |
| Volume +           | 99 23 17 01 E8 AA |
| Volume -           | 99 23 18 01 E7 AA |
| Whiteboard         | 99 23 20 01 DF AA |

982 RS232 Central Control Code

- Start code :99,
- Customer code 23,
- Function ID CODE &Device ID code Default 01,
- Verifying code + Function ID code =FF,
- Finished code :AA

| Команда                       | 16 HEX            |                   |
|-------------------------------|-------------------|-------------------|
| Turn on                       | 99 23 01 01 FE AA | 99 FF FD 00 00 AA |
| Turn off                      | 99 A2 01 01 27 AA | 99 A2 FD 00 00 AA |
| HOME                          | 99 23 00 01 FF AA |                   |
| Mute                          | 99 23 02 01 FD AA |                   |
| Picture Mode                  | 99 23 04 01 FB AA |                   |
| YPbPr                         | 99 23 0A 01 F5 AA |                   |
| VGA                           | 99 23 0B 01 F4 AA |                   |
| HDMI1                         | 99 23 0E 01 F1 AA |                   |
| HDMI2                         | 99 23 0F 01 F0 AA |                   |
| Front HDMI                    | 99 23 10 01 EF AA |                   |
| Built in -OPS                 | 99 23 11 01 EE AA |                   |
| Menu                          | 99 23 12 01 ED AA |                   |
| Source for Signals            | 99 23 13 01 EC AA |                   |
| EXIT                          | 99 23 14 01 EB AA |                   |
| Sound Mode ( Without Picture) | 99 23 16 01 E9 AA |                   |
| Volume +                      | 99 23 17 01 E8 AA |                   |
| Volume -                      | 99 23 18 01 E7 AA |                   |
| Whiteboard                    | 99 23 20 01 DF AA |                   |
| Confirm                       | 99 23 26 01 D9 AA |                   |