API For the BYOD-8200

Taking the default IP address as example, use the Telnet to enter the BYOD-8200 as below:
telnet 192.168.1.8 24
User name is root, no password.
Carriage return

Or also able to use the RS232-1 port to control it, the baud rate is 9600

gbconfig

gbconfig	Command list
gbconfig --name	Equipment name, not support Chinese characters and blank.
gbconfig --output-resolution 3840x2160P@60	Setup output 1 resolution, can choose below resolutions: 3840x2160P@60 3840x2160P@50 3840x2160P@30 3840x2160P@25 3840x2160P@24 1920x1080P@60 1920x1080P@50 1920x1080P@30 1920x1080P@25 1920x1080P@24 1680x1050P@60 1600x1200P@60 1440x900P@60 1366x768P@60 1280x1024P@60 1280x720P@60 1280x720P@50 1024x768P@60 800x600P@60 720x480P@60 640x480P@60 auto
gbconfig --auto-switch-source y	Sources auto switch, if want to close, will change "y" to "n" Note: The wireless sources will be always audio switch
gbconfig --source-select hdmi1	Fullscreen to HDMI1, same way for VGA, HDMI2, type-c
gbconfig --source-select hdmi2 2	When multiview mode: To have Win-2 showing HDMI2, same way for the others
gbconfig --auido-select hdmi1	Select the HDMI1 audio output, same way for the audio from HDMI2, VGA, Type-C.
gbconfig --duplicated-dualoutput y	Set the output 2 as "Sync" mode, change "y" to "n" means the "Matrix" mode
gbconfig --secondary-output hdmi1	Setup the output 2 source, only works when the output 2 in the "Matrix" mode
gbconfig --secondary-resolution 1920x1080P@60	Setup the output 2 resolution, only works when output 2 in the "Matrix " mode, can select/setup below resolutions: 1920x1080P@60 1920x1080P@50 1920x1080P@30 1920x1080P@25 1920x1080P@24 1440x900P@60

	1366x768P@60 1280x1024P@60 1280x720P@60 1280x720P@50 1024x768P@60 800x600P@60 720x480P@60 640x480P@60 auto

gbcontrol

gbcontrol	Control command list
gbcontrol --reboot	Restart the equipment
gbcontrol --reset-to-default	Reset to the factory default
gbcontrol --stop-video hdmi1	Stop the HDMI 1 signal
gbcontrol --sinkpower on	Power on or power off the equipment
gbcontrol --show-osd	Show the OSD info for 10 seconds
gbcontrol --set-layout-video 0x103 hdmi1 null hdmi2	Set the layout and source at the same time: Switch to layout 3 0x103 and the HDMI 1 show in win-1, HDMI2 show in Win-3, the other windows are no source.
gbcontrol --cycle-video	Output 1 video recycling
gbcontrol --cycle-video2	Output 2 video recycling
gbcontrol --cycle-layout	Layout recycling
gbcontrol --switch-usb 1	Switch USB output from host1(VGA/HDMI1)

gblayout

gblayout	Pull the layout command list
gblayout --start-video hdmi1	Add the HDMI 1 output when all the other source output normally.
gblayout --stop-video hdmi1	Stop the HDMI 1 output when all the other source output normally.
gblayout --list	Show all the supported layouts

gblayout --set 0x100	Set the screen layout as 0x100
gblayout --get	Get the current layout info
gblayout --show 0x101	Get the 0x101 layout details
gblayout --set-sequence 0x100 0x101 0x103	Setup the layout order, 1-screen, 2-screen, 4-screen. Can add the layout in the layout list.
gblayout --get-sequence	Get the current layouts order info
gblayout --auto y	Turn on the layout auto, change “y” to “n” to turn off
gblayout --cycle	Layout recycling

If need to change the Telnet password, will need to enter the command passwd, then the system will show to enter the new password.