8x1 HDMI Switch (KVM) communication protocol

1. RS232 Serial port:
Baud rate: **9600 bps**
Stop bit: **1 bit**
Data length: **8 bits**

Commands   (Hex format):
1) Switch input source:
Switch to PC1:   0xAA 0xBB 0x03 0x01 0x01 0xEE
Switch to PC2:   0xAA 0xBB 0x03 0x01 0x02 0xEE
Switch to PC3:   0xAA 0xBB 0x03 0x01 0x03 0xEE
Switch to PC4:   0xAA 0xBB 0x03 0x01 0x04 0xEE
Switch to PC5:   0xAA 0xBB 0x03 0x01 0x05 0xEE
Switch to PC6:   0xAA 0xBB 0x03 0x01 0x06 0xEE
Switch to PC7:   0xAA 0xBB 0x03 0x01 0x07 0xEE
Switch to PC8:   0xAA 0xBB 0x03 0x01 0x08 0xEE

2) Read current active input port:
0xAA 0xBB 0x03 0x10 0x00 0xEE

3) Feedback current active input port (From switch to PC)
0xAA 0xBB 0x03 0x11 0xXX 0xEE
Note: 0xXX indicates current active input port of the switch, 0x00->PC1, 0x01->PC2, 0x02->PC3...0x07->PC8

2. LAN port:
IP address: **192.168.1.10**
Port: **5000**
Gate way: **192.168.1.1**
Mask address: **255.255.255.0**

Commands   (Hex format):
1) Switch input source:
Switch to PC1:   0xAA 0xBB 0x03 0x01 0x01 0xEE
Switch to PC2:   0xAA 0xBB 0x03 0x01 0x02 0xEE
Switch to PC3:   0xAA 0xBB 0x03 0x01 0x03 0xEE
Switch to PC4:   0xAA 0xBB 0x03 0x01 0x04 0xEE
Switch to PC5:   0xAA 0xBB 0x03 0x01 0x05 0xEE
Switch to PC6:   0xAA 0xBB 0x03 0x01 0x06 0xEE
Switch to PC7:   0xAA 0xBB 0x03 0x01 0x07 0xEE
Switch to PC8:   0xAA 0xBB 0x03 0x01 0x08 0xEE

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