

| No.   | Time  | Source                        | Destination | Protocol | Length | Info           | Request |
|---|---|-------------------------------|-------------|----------|--------|----------------|---------|
| 1   | 0.000000  | host                          | 1.3.0       | USB      | 64     | GET_DESCRIPTOR |         |
| DEVICE  |   |                               |             |          |        |                |         |
| Frame 1: 64 bytes on wire (512 bits), 64 bytes captured (512 bits) on interface usbmon1, id 0 |   |                               |             |          |        |                |         |
| Interface id: 0 (usbmon1)   |   |                               |             |          |        |                |         |
| Interface name: usbmon1   |   |                               |             |          |        |                |         |
| Encapsulation type: USB packets with Linux header and padding (115)                           |   |                               |             |          |        |                |         |
| Arrival Time: Jul 20, 2022 17:08:58.690965000 EDT   |   |                               |             |          |        |                |         |
| [Time shift for this packet: 0.000000000 seconds]   |   |                               |             |          |        |                |         |
| Epoch Time: 1658351338.690965000 seconds  |   |                               |             |          |        |                |         |
| [Time delta from previous captured frame: 0.000000000 seconds]                                |   |                               |             |          |        |                |         |
| [Time delta from previous displayed frame: 0.000000000 seconds]                               |   |                               |             |          |        |                |         |
| [Time since reference or first frame: 0.000000000 seconds]                                    |   |                               |             |          |        |                |         |
| Frame Number: 1   |   |                               |             |          |        |                |         |
| Frame Length: 64 bytes (512 bits)   |   |                               |             |          |        |                |         |
| Capture Length: 64 bytes (512 bits)   |   |                               |             |          |        |                |         |
| [Frame is marked: False]  |   |                               |             |          |        |                |         |
| [Frame is ignored: False]   |   |                               |             |          |        |                |         |
| [Protocols in frame: usb]   |   |                               |             |          |        |                |         |
| USB URB   |   |                               |             |          |        |                |         |
| [Source: host]  |   |                               |             |          |        |                |         |
| [Destination: 1.3.0]  |   |                               |             |          |        |                |         |
| URB id: 0xffff931cc2462300  |   |                               |             |          |        |                |         |
| URB type: URB_SUBMIT ('S')  |   |                               |             |          |        |                |         |
| URB transfer type: URB_CONTROL (0x02)   |   |                               |             |          |        |                |         |
| Endpoint: 0x80, Direction: IN   |   |                               |             |          |        |                |         |
| 1... .... = Direction: IN (1)   |   |                               |             |          |        |                |         |
| .... 0000 = Endpoint number: 0  |   |                               |             |          |        |                |         |
| Device: 3   |   |                               |             |          |        |                |         |
| URB bus id: 1   |   |                               |             |          |        |                |         |
| Device setup request: relevant (0)  |   |                               |             |          |        |                |         |
| Data: not present ('<')   |   |                               |             |          |        |                |         |
| URB sec: 1658351338   |   |                               |             |          |        |                |         |
| URB usec: 690965  |   |                               |             |          |        |                |         |
| URB status: Operation now in progress (-EINPROGRESS) (-115)                                   |   |                               |             |          |        |                |         |
| URB length [bytes]: 18  |   |                               |             |          |        |                |         |
| Data length [bytes]: 0  |   |                               |             |          |        |                |         |
| Interval: 0   |   |                               |             |          |        |                |         |
| Start frame: 0  |   |                               |             |          |        |                |         |
| Copy of Transfer Flags: 0x00000200, Dir IN  |   |                               |             |          |        |                |         |
| .... .... = Short not OK: False   |   |                               |             |          |        |                |         |
| .... .... = ISO ASAP: False   |   |                               |             |          |        |                |         |
| .... .... = No transfer DMA map: False  |   |                               |             |          |        |                |         |
| .... .... = No FSBR: False  |   |                               |             |          |        |                |         |
| .... .... = Zero Packet: False  |   |                               |             |          |        |                |         |
| .... .... = No Interrupt: False   |   |                               |             |          |        |                |         |
| .... .... = Free Buffer: False  |   |                               |             |          |        |                |         |
| .... .... = Dir IN: True  |   |                               |             |          |        |                |         |
| .... .... = DMA Map Single: False   |   |                               |             |          |        |                |         |
| .... .... = DMA Map Page: False   |   |                               |             |          |        |                |         |
| .... .... = DMA Map SG: False   |   |                               |             |          |        |                |         |
| .... .... = Map Local: False  |   |                               |             |          |        |                |         |
| .... .... = Setup Map Single: False   |   |                               |             |          |        |                |         |
| .... .... = Setup Map Local: False  |   |                               |             |          |        |                |         |
| .... .... = DMA S-G Combined: False   |   |                               |             |          |        |                |         |
| .... .... = Aligned Temp Buffer: False  |   |                               |             |          |        |                |         |
| Number of ISO descriptors: 0  |   |                               |             |          |        |                |         |
| Setup Data  |   |                               |             |          |        |                |         |
| bmRequestType: 0x80   |   |                               |             |          |        |                |         |
| 1... .... = Direction: Device-to-host   |   |                               |             |          |        |                |         |
| .00. .... = Type: Standard (0x0)  |   |                               |             |          |        |                |         |
| ...0 0000 = Recipient: Device (0x00)  |   |                               |             |          |        |                |         |
| bRequest: GET_DESCRIPTOR (6)  |   |                               |             |          |        |                |         |
| Descriptor Index: 0x00  |   |                               |             |          |        |                |         |
| bDescriptorType: DEVICE (0x01)  |   |                               |             |          |        |                |         |
| Language Id: no language specified (0x0000)   |   |                               |             |          |        |                |         |
| wLength: 18   |   |                               |             |          |        |                |         |
| 0000  | 00 23 46 c2 1c 93 ff ff 53 02 80 03 01 00 00 3c | . # F . . . . . S . . . . . < |             |          |        |                |         |
| 0010  | ea 6e d8 62 00 00 00 00 15 8b 0a 00 8d ff ff ff | . n . b . . . . .             |             |          |        |                |         |
| 0020  | 12 00 00 00 00 00 00 00 80 06 00 01 00 00 12 00 | . . . . .                     |             |          |        |                |         |
| 0030  | 00 00 00 00 00 00 00 00 02 00 00 00 00 00 00    | . . . . .                     |             |          |        |                |         |

| No.   | Time  | Source                        | Destination | Protocol | Length | Info                   |
|---|---|-------------------------------|-------------|----------|--------|------------------------|
| 2   | 0.001477  | host                          | 1.3.0       | USB      | 64     | GET_DESCRIPTOR Request |
| CONFIGURATION   |   |                               |             |          |        |                        |
| Frame 2: 64 bytes on wire (512 bits), 64 bytes captured (512 bits) on interface usbmon1, id 0 |   |                               |             |          |        |                        |
| Interface id: 0 (usbmon1)   |   |                               |             |          |        |                        |
| Interface name: usbmon1   |   |                               |             |          |        |                        |
| Encapsulation type: USB packets with Linux header and padding (115)                           |   |                               |             |          |        |                        |
| Arrival Time: Jul 20, 2022 17:08:58.692442000 EDT   |   |                               |             |          |        |                        |
| [Time shift for this packet: 0.000000000 seconds]   |   |                               |             |          |        |                        |
| Epoch Time: 1658351338.692442000 seconds  |   |                               |             |          |        |                        |
| [Time delta from previous captured frame: 0.001477000 seconds]                                |   |                               |             |          |        |                        |
| [Time delta from previous displayed frame: 0.001477000 seconds]                               |   |                               |             |          |        |                        |
| [Time since reference or first frame: 0.001477000 seconds]                                    |   |                               |             |          |        |                        |
| Frame Number: 2   |   |                               |             |          |        |                        |
| Frame Length: 64 bytes (512 bits)   |   |                               |             |          |        |                        |
| Capture Length: 64 bytes (512 bits)   |   |                               |             |          |        |                        |
| [Frame is marked: False]  |   |                               |             |          |        |                        |
| [Frame is ignored: False]   |   |                               |             |          |        |                        |
| [Protocols in frame: usb]   |   |                               |             |          |        |                        |
| USB URB   |   |                               |             |          |        |                        |
| [Source: host]  |   |                               |             |          |        |                        |
| [Destination: 1.3.0]  |   |                               |             |          |        |                        |
| URB id: 0xffff931cc2462300  |   |                               |             |          |        |                        |
| URB type: URB_SUBMIT ('S')  |   |                               |             |          |        |                        |
| URB transfer type: URB_CONTROL (0x02)   |   |                               |             |          |        |                        |
| Endpoint: 0x80, Direction: IN   |   |                               |             |          |        |                        |
| 1... .... = Direction: IN (1)   |   |                               |             |          |        |                        |
| .... 0000 = Endpoint number: 0  |   |                               |             |          |        |                        |
| Device: 3   |   |                               |             |          |        |                        |
| URB bus id: 1   |   |                               |             |          |        |                        |
| Device setup request: relevant (0)  |   |                               |             |          |        |                        |
| Data: not present ('<')   |   |                               |             |          |        |                        |
| URB sec: 1658351338   |   |                               |             |          |        |                        |
| URB usec: 692442  |   |                               |             |          |        |                        |
| URB status: Operation now in progress (-EINPROGRESS) (-115)                                   |   |                               |             |          |        |                        |
| URB length [bytes]: 9   |   |                               |             |          |        |                        |
| Data length [bytes]: 0  |   |                               |             |          |        |                        |
| Interval: 0   |   |                               |             |          |        |                        |
| Start frame: 0  |   |                               |             |          |        |                        |
| Copy of Transfer Flags: 0x00000200, Dir IN  |   |                               |             |          |        |                        |
| .... 0 = Short not OK: False  |   |                               |             |          |        |                        |
| .... 0 = ISO ASAP: False  |   |                               |             |          |        |                        |
| .... 0 = No transfer DMA map: False   |   |                               |             |          |        |                        |
| .... 0 = No FSBR: False   |   |                               |             |          |        |                        |
| .... 0 = Zero Packet: False   |   |                               |             |          |        |                        |
| .... 0 = No Interrupt: False  |   |                               |             |          |        |                        |
| .... 0 = Free Buffer: False   |   |                               |             |          |        |                        |
| .... 1 = Dir IN: True   |   |                               |             |          |        |                        |
| .... 0 = DMA Map Single: False  |   |                               |             |          |        |                        |
| .... 0 = DMA Map Page: False  |   |                               |             |          |        |                        |
| .... 0 = DMA Map SG: False  |   |                               |             |          |        |                        |
| .... 0 = Map Local: False   |   |                               |             |          |        |                        |
| .... 0 = Setup Map Single: False  |   |                               |             |          |        |                        |
| .... 0 = Setup Map Local: False   |   |                               |             |          |        |                        |
| .... 0 = DMA S-G Combined: False  |   |                               |             |          |        |                        |
| .... 0 = Aligned Temp Buffer: False   |   |                               |             |          |        |                        |
| Number of ISO descriptors: 0  |   |                               |             |          |        |                        |
| Setup Data  |   |                               |             |          |        |                        |
| bmRequestType: 0x80   |   |                               |             |          |        |                        |
| 1... .... = Direction: Device-to-host   |   |                               |             |          |        |                        |
| .00. .... = Type: Standard (0x0)  |   |                               |             |          |        |                        |
| ...0 0000 = Recipient: Device (0x00)  |   |                               |             |          |        |                        |
| bRequest: GET_DESCRIPTOR (6)  |   |                               |             |          |        |                        |
| Descriptor Index: 0x00  |   |                               |             |          |        |                        |
| bDescriptorType: CONFIGURATION (0x02)   |   |                               |             |          |        |                        |
| Language Id: no language specified (0x0000)   |   |                               |             |          |        |                        |
| wLength: 9  |   |                               |             |          |        |                        |
| 0000  | 00 23 46 c2 1c 93 ff ff 53 02 80 03 01 00 00 3c | . # F . . . . . S . . . . . < |             |          |        |                        |
| 0010  | ea 6e d8 62 00 00 00 00 da 90 0a 00 8d ff ff ff | . n . b . . . . .             |             |          |        |                        |
| 0020  | 09 00 00 00 00 00 00 00 80 06 00 02 00 00 09 00 | . . . . .                     |             |          |        |                        |
| 0030  | 00 00 00 00 00 00 00 00 02 00 00 00 00 00 00 00 | . . . . .                     |             |          |        |                        |

| No.   | Time  | Source                        | Destination | Protocol | Length | Info                   |
|---|---|-------------------------------|-------------|----------|--------|------------------------|
| 3   | 0.004497  | host                          | 1.3.0       | USB      | 64     | GET_DESCRIPTOR Request |
| CONFIGURATION   |   |                               |             |          |        |                        |
| Frame 3: 64 bytes on wire (512 bits), 64 bytes captured (512 bits) on interface usbmon1, id 0 |   |                               |             |          |        |                        |
| Interface id: 0 (usbmon1)   |   |                               |             |          |        |                        |
| Interface name: usbmon1   |   |                               |             |          |        |                        |
| Encapsulation type: USB packets with Linux header and padding (115)                           |   |                               |             |          |        |                        |
| Arrival Time: Jul 20, 2022 17:08:58.695462000 EDT   |   |                               |             |          |        |                        |
| [Time shift for this packet: 0.000000000 seconds]   |   |                               |             |          |        |                        |
| Epoch Time: 1658351338.695462000 seconds  |   |                               |             |          |        |                        |
| [Time delta from previous captured frame: 0.003020000 seconds]                                |   |                               |             |          |        |                        |
| [Time delta from previous displayed frame: 0.003020000 seconds]                               |   |                               |             |          |        |                        |
| [Time since reference or first frame: 0.004497000 seconds]                                    |   |                               |             |          |        |                        |
| Frame Number: 3   |   |                               |             |          |        |                        |
| Frame Length: 64 bytes (512 bits)   |   |                               |             |          |        |                        |
| Capture Length: 64 bytes (512 bits)   |   |                               |             |          |        |                        |
| [Frame is marked: False]  |   |                               |             |          |        |                        |
| [Frame is ignored: False]   |   |                               |             |          |        |                        |
| [Protocols in frame: usb]   |   |                               |             |          |        |                        |
| USB URB   |   |                               |             |          |        |                        |
| [Source: host]  |   |                               |             |          |        |                        |
| [Destination: 1.3.0]  |   |                               |             |          |        |                        |
| URB id: 0xffff931cc2462300  |   |                               |             |          |        |                        |
| URB type: URB_SUBMIT ('S')  |   |                               |             |          |        |                        |
| URB transfer type: URB_CONTROL (0x02)   |   |                               |             |          |        |                        |
| Endpoint: 0x80, Direction: IN   |   |                               |             |          |        |                        |
| 1... .... = Direction: IN (1)   |   |                               |             |          |        |                        |
| .... 0000 = Endpoint number: 0  |   |                               |             |          |        |                        |
| Device: 3   |   |                               |             |          |        |                        |
| URB bus id: 1   |   |                               |             |          |        |                        |
| Device setup request: relevant (0)  |   |                               |             |          |        |                        |
| Data: not present ('<')   |   |                               |             |          |        |                        |
| URB sec: 1658351338   |   |                               |             |          |        |                        |
| URB usec: 695462  |   |                               |             |          |        |                        |
| URB status: Operation now in progress (-EINPROGRESS) (-115)                                   |   |                               |             |          |        |                        |
| URB length [bytes]: 34  |   |                               |             |          |        |                        |
| Data length [bytes]: 0  |   |                               |             |          |        |                        |
| Interval: 0   |   |                               |             |          |        |                        |
| Start frame: 0  |   |                               |             |          |        |                        |
| Copy of Transfer Flags: 0x00000200, Dir IN  |   |                               |             |          |        |                        |
| .... .... = Short not OK: False   |   |                               |             |          |        |                        |
| .... .... = ISO ASAP: False   |   |                               |             |          |        |                        |
| .... .... = No transfer DMA map: False  |   |                               |             |          |        |                        |
| .... .... = No FSBR: False  |   |                               |             |          |        |                        |
| .... .... = Zero Packet: False  |   |                               |             |          |        |                        |
| .... .... = No Interrupt: False   |   |                               |             |          |        |                        |
| .... .... = Free Buffer: False  |   |                               |             |          |        |                        |
| .... .... = Dir IN: True  |   |                               |             |          |        |                        |
| .... .... = DMA Map Single: False   |   |                               |             |          |        |                        |
| .... .... = DMA Map Page: False   |   |                               |             |          |        |                        |
| .... .... = DMA Map SG: False   |   |                               |             |          |        |                        |
| .... .... = Map Local: False  |   |                               |             |          |        |                        |
| .... .... = Setup Map Single: False   |   |                               |             |          |        |                        |
| .... .... = Setup Map Local: False  |   |                               |             |          |        |                        |
| .... .... = DMA S-G Combined: False   |   |                               |             |          |        |                        |
| .... .... = Aligned Temp Buffer: False  |   |                               |             |          |        |                        |
| Number of ISO descriptors: 0  |   |                               |             |          |        |                        |
| Setup Data  |   |                               |             |          |        |                        |
| bmRequestType: 0x80   |   |                               |             |          |        |                        |
| 1... .... = Direction: Device-to-host   |   |                               |             |          |        |                        |
| .00. .... = Type: Standard (0x0)  |   |                               |             |          |        |                        |
| ...0 0000 = Recipient: Device (0x00)  |   |                               |             |          |        |                        |
| bRequest: GET_DESCRIPTOR (6)  |   |                               |             |          |        |                        |
| Descriptor Index: 0x00  |   |                               |             |          |        |                        |
| bDescriptorType: CONFIGURATION (0x02)   |   |                               |             |          |        |                        |
| Language Id: no language specified (0x0000)   |   |                               |             |          |        |                        |
| wLength: 34   |   |                               |             |          |        |                        |
| 0000  | 00 23 46 c2 1c 93 ff ff 53 02 80 03 01 00 00 3c | . # F . . . . . S . . . . . < |             |          |        |                        |
| 0010  | ea 6e d8 62 00 00 00 00 a6 9c 0a 00 8d ff ff ff | . n . b . . . . .             |             |          |        |                        |
| 0020  | 22 00 00 00 00 00 00 00 80 06 00 02 00 00 22 00 | " . . . . . "                 |             |          |        |                        |
| 0030  | 00 00 00 00 00 00 00 00 02 00 00 00 00 00 00    | . . . . .                     |             |          |        |                        |

| No. | Time      | Source | Destination | Protocol | Length | Info            |
|-----|-----------|--------|-------------|----------|--------|-----------------|
| 4   | 14.040290 | host   | 1.3.0       | USB      | 80     | URB_CONTROL out |

Frame 4: 80 bytes on wire (640 bits), 80 bytes captured (640 bits) on interface usbmon1, id 0

Interface id: 0 (usbmon1)

Interface name: usbmon1

Encapsulation type: USB packets with Linux header and padding (115)

Arrival Time: Jul 20, 2022 17:09:12.731255000 EDT

[Time shift for this packet: 0.000000000 seconds]

Epoch Time: 1658351352.731255000 seconds

[Time delta from previous captured frame: 14.035793000 seconds]

[Time delta from previous displayed frame: 14.035793000 seconds]

[Time since reference or first frame: 14.040290000 seconds]

Frame Number: 4

Frame Length: 80 bytes (640 bits)

Capture Length: 80 bytes (640 bits)

[Frame is marked: False]

[Frame is ignored: False]

[Protocols in frame: usb]

USB URB

[Source: host]

[Destination: 1.3.0]

URB id: 0xffff931ccbba3440

URB type: URB\_SUBMIT ('S')

URB transfer type: URB\_CONTROL (0x02)

Endpoint: 0x00, Direction: OUT

0... .... = Direction: OUT (0)

.... 0000 = Endpoint number: 0

Device: 3

URB bus id: 1

Device setup request: relevant (0)

Data: present (0)

URB sec: 1658351352

URB usec: 731255

URB status: Operation now in progress (-EINPROGRESS) (-115)

URB length [bytes]: 16

Data length [bytes]: 16

Interval: 0

Start frame: 0

Copy of Transfer Flags: 0x00000000

.... 0 = Short not OK: False

.... 0 = ISO ASAP: False

.... 0 = No transfer DMA map: False

.... 0 = No FSBR: False

.... 0 = Zero Packet: False

.... 0 = No Interrupt: False

.... 0 = Free Buffer: False

.... 0 = Dir IN: False

.... 0 = DMA Map Single: False

.... 0 = DMA Map Page: False

.... 0 = DMA Map SG: False

.... 0 = Map Local: False

.... 0 = Setup Map Single: False

.... 0 = Setup Map Local: False

.... 0 = DMA S-G Combined: False

.... 0 = Aligned Temp Buffer: False

Number of ISO descriptors: 0

[bInterfaceClass: Unknown (0xffff)]

Setup Data

bmRequestType: 0x21

0... .... = Direction: Host-to-device

.01. .... = Type: Class (0x1)

...0 0001 = Recipient: Interface (0x01)

bRequest: 9

wValue: 0x035e

wIndex: 0 (0x0000)

wLength: 16

Data Fragment: 5e4153555320546563682e496e632e00

Frame (80 bytes):

|      |   |                  |
|------|---|------------------|
| 0000 | 40 34 ba cb 1c 93 ff ff 53 02 00 03 01 00 00 00 | @4.....S.....    |
| 0010 | f8 6e d8 62 00 00 00 00 77 28 0b 00 8d ff ff ff | .n.b....w(.....  |
| 0020 | 10 00 00 00 10 00 00 00 21 09 5e 03 00 00 10 00 | .....!.^.....    |
| 0030 | 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 | .....            |
| 0040 | 5e 41 53 55 53 20 54 65 63 68 2e 49 6e 63 2e 00 | ^ASUS Tech.Inc.. |

USB Control (23 bytes):

|      |   |                  |
|------|---|------------------|
| 0000 | 09 5e 03 00 00 10 00 5e 41 53 55 53 20 54 65 63 | .^.....^ASUS Tec |
| 0010 | 68 2e 49 6e 63 2e 00                            | h.Inc..          |

| No. | Time      | Source | Destination | Protocol | Length | Info            |
|-----|-----------|--------|-------------|----------|--------|-----------------|
| 5   | 14.042616 | host   | 1.3.0       | USB      | 68     | URB_CONTROL out |

Frame 5: 68 bytes on wire (544 bits), 68 bytes captured (544 bits) on interface usbmon1, id 0

Interface id: 0 (usbmon1)

Interface name: usbmon1

Encapsulation type: USB packets with Linux header and padding (115)

Arrival Time: Jul 20, 2022 17:09:12.733581000 EDT

[Time shift for this packet: 0.000000000 seconds]

Epoch Time: 1658351352.733581000 seconds

[Time delta from previous captured frame: 0.002326000 seconds]

[Time delta from previous displayed frame: 0.002326000 seconds]

[Time since reference or first frame: 14.042616000 seconds]

Frame Number: 5

Frame Length: 68 bytes (544 bits)

Capture Length: 68 bytes (544 bits)

[Frame is marked: False]

[Frame is ignored: False]

[Protocols in frame: usb]

USB URB

[Source: host]

[Destination: 1.3.0]

URB id: 0xffff931ccbba3440

URB type: URB\_SUBMIT ('S')

URB transfer type: URB\_CONTROL (0x02)

Endpoint: 0x00, Direction: OUT

0... .... = Direction: OUT (0)

.... 0000 = Endpoint number: 0

Device: 3

URB bus id: 1

Device setup request: relevant (0)

Data: present (0)

URB sec: 1658351352

URB usec: 733581

URB status: Operation now in progress (-EINPROGRESS) (-115)

URB length [bytes]: 4

Data length [bytes]: 4

Interval: 0

Start frame: 0

Copy of Transfer Flags: 0x00000000

.... 0 = Short not OK: False

.... 0 = ISO ASAP: False

.... 0 = No transfer DMA map: False

.... 0 = No FSBR: False

.... 0 = Zero Packet: False

.... 0 = No Interrupt: False

.... 0 = Free Buffer: False

.... 0 = Dir IN: False

.... 0 = DMA Map Single: False

.... 0 = DMA Map Page: False

.... 0 = DMA Map SG: False

.... 0 = Map Local: False

.... 0 = Setup Map Single: False

.... 0 = Setup Map Local: False

.... 0 = DMA S-G Combined: False

.... 0 = Aligned Temp Buffer: False

Number of ISO descriptors: 0

[bInterfaceClass: Unknown (0xffff)]

Setup Data

bmRequestType: 0x21

0... .... = Direction: Host-to-device

.01. .... = Type: Class (0x1)

...0 0001 = Recipient: Interface (0x01)

bRequest: 9

wValue: 0x035e

wIndex: 0 (0x0000)

wLength: 4

Data Fragment: 5ec30180

Frame (68 bytes):

|      |   |                 |
|------|---|-----------------|
| 0000 | 40 34 ba cb 1c 93 ff ff 53 02 00 03 01 00 00 00 | @4.....S.....   |
| 0010 | f8 6e d8 62 00 00 00 00 8d 31 0b 00 8d ff ff ff | .n.b.....1..... |
| 0020 | 04 00 00 00 04 00 00 00 21 09 5e 03 00 00 04 00 | .....!.^.....   |
| 0030 | 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 | .....           |
| 0040 | 5e c3 01 80                                     | ^...            |

USB Control (11 bytes):

|      |                                  |             |
|------|----------------------------------|-------------|
| 0000 | 09 5e 03 00 00 04 00 5e c3 01 80 | .^.....^... |
|------|----------------------------------|-------------|

| No. | Time      | Source | Destination | Protocol | Length | Info            |
|-----|-----------|--------|-------------|----------|--------|-----------------|
| 6   | 14.073718 | host   | 1.3.0       | USB      | 68     | URB_CONTROL out |

Frame 6: 68 bytes on wire (544 bits), 68 bytes captured (544 bits) on interface usbmon1, id 0  
Interface id: 0 (usbmon1)  
Interface name: usbmon1  
Encapsulation type: USB packets with Linux header and padding (115)  
Arrival Time: Jul 20, 2022 17:09:12.764683000 EDT  
[Time shift for this packet: 0.000000000 seconds]  
Epoch Time: 1658351352.764683000 seconds  
[Time delta from previous captured frame: 0.031102000 seconds]  
[Time delta from previous displayed frame: 0.031102000 seconds]  
[Time since reference or first frame: 14.073718000 seconds]  
Frame Number: 6  
Frame Length: 68 bytes (544 bits)  
Capture Length: 68 bytes (544 bits)  
[Frame is marked: False]  
[Frame is ignored: False]  
[Protocols in frame: usb]

USB URB  
[Source: host]  
[Destination: 1.3.0]  
URB id: 0xffff931ccbba3440  
URB type: URB\_SUBMIT ('S')  
URB transfer type: URB\_CONTROL (0x02)  
Endpoint: 0x00, Direction: OUT  
0... .... = Direction: OUT (0)  
.... 0000 = Endpoint number: 0  
Device: 3  
URB bus id: 1  
Device setup request: relevant (0)  
Data: present (0)  
URB sec: 1658351352  
URB usec: 764683  
URB status: Operation now in progress (-EINPROGRESS) (-115)  
URB length [bytes]: 4  
Data length [bytes]: 4  
Interval: 0  
Start frame: 0  
Copy of Transfer Flags: 0x00000000  
.... 0 = Short not OK: False  
.... 0 = ISO ASAP: False  
.... 0.. = No transfer DMA map: False  
.... 0. .... = No FSR: False  
.... 0.. .... = Zero Packet: False  
.... 0... .... = No Interrupt: False  
.... 0 .... = Free Buffer: False  
.... 0. .... = Dir IN: False  
.... 0 .... = DMA Map Single: False  
.... 0. .... = DMA Map Page: False  
.... 0. .... = DMA Map SG: False  
.... 0 .... = Map Local: False  
.... 0 .... = Setup Map Single: False  
.... 0. .... = Setup Map Local: False  
.... 0. .... = DMA S-G Combined: False  
.... 0 .... = Aligned Temp Buffer: False  
Number of ISO descriptors: 0  
[bInterfaceClass: Unknown (0xffff)]

Setup Data  
bmRequestType: 0x21  
0... .... = Direction: Host-to-device  
01. .... = Type: Class (0x1)  
...0 0001 = Recipient: Interface (0x01)  
bRequest: 9  
wValue: 0x035e  
wIndex: 0 (0x0000)  
wLength: 4  
Data Fragment: 5ec40180

Frame (68 bytes):  
0000 40 34 ba cb 1c 93 ff ff 53 02 00 03 01 00 00 00 @4.....S.....  
0010 f8 6e d8 62 00 00 00 0b ab 0b 00 8d ff ff ff .n.b.....  
0020 04 00 00 00 04 00 00 00 21 09 5e 03 00 00 04 00 .....!.^.....  
0030 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 .....  
0040 5e c4 01 80 ^...  
USB Control (11 bytes):  
0000 09 5e 03 00 00 04 00 5e c4 01 80 .^.....^...

| No. | Time      | Source | Destination | Protocol | Length | Info            |
|-----|-----------|--------|-------------|----------|--------|-----------------|
| 7   | 14.103235 | host   | 1.3.0       | USB      | 68     | URB_CONTROL out |

Frame 7: 68 bytes on wire (544 bits), 68 bytes captured (544 bits) on interface usbmon1, id 0  
Interface id: 0 (usbmon1)  
Interface name: usbmon1  
Encapsulation type: USB packets with Linux header and padding (115)  
Arrival Time: Jul 20, 2022 17:09:12.794200000 EDT  
[Time shift for this packet: 0.000000000 seconds]  
Epoch Time: 1658351352.794200000 seconds  
[Time delta from previous captured frame: 0.029517000 seconds]  
[Time delta from previous displayed frame: 0.029517000 seconds]  
[Time since reference or first frame: 14.103235000 seconds]  
Frame Number: 7  
Frame Length: 68 bytes (544 bits)  
Capture Length: 68 bytes (544 bits)  
[Frame is marked: False]  
[Frame is ignored: False]  
[Protocols in frame: usb]

USB URB  
[Source: host]  
[Destination: 1.3.0]  
URB id: 0xffff931ccbba3440  
URB type: URB\_SUBMIT ('S')  
URB transfer type: URB\_CONTROL (0x02)  
Endpoint: 0x00, Direction: OUT  
0... .... = Direction: OUT (0)  
.... 0000 = Endpoint number: 0  
Device: 3  
URB bus id: 1  
Device setup request: relevant (0)  
Data: present (0)  
URB sec: 1658351352  
URB usec: 794200  
URB status: Operation now in progress (-EINPROGRESS) (-115)  
URB length [bytes]: 4  
Data length [bytes]: 4  
Interval: 0  
Start frame: 0  
Copy of Transfer Flags: 0x00000000  
.... 0 = Short not OK: False  
.... 0 = ISO ASAP: False  
.... 0.. = No transfer DMA map: False  
.... 0. .... = No FSR: False  
.... 0.. .... = Zero Packet: False  
.... 0... .... = No Interrupt: False  
.... 0 .... = Free Buffer: False  
.... 0. .... = Dir IN: False  
.... 0 .... = DMA Map Single: False  
.... 0. .... = DMA Map Page: False  
.... 0.. .... = DMA Map SG: False  
.... 0 .... = Map Local: False  
.... 0 .... = Setup Map Single: False  
.... 0. .... = Setup Map Local: False  
.... 0.. .... = DMA S-G Combined: False  
.... 0 .... = Aligned Temp Buffer: False  
Number of ISO descriptors: 0  
[bInterfaceClass: Unknown (0xffff)]

Setup Data  
bmRequestType: 0x21  
0... .... = Direction: Host-to-device  
01. .... = Type: Class (0x1)  
...0 0001 = Recipient: Interface (0x01)  
bRequest: 9  
wValue: 0x035e  
wIndex: 0 (0x0000)  
wLength: 4  
Data Fragment: 5ec00403

Frame (68 bytes):  
0000 40 34 ba cb 1c 93 ff ff 53 02 00 03 01 00 00 00 @4.....S.....  
0010 f8 6e d8 62 00 00 00 58 1e 0c 00 8d ff ff ff .n.b....X.....  
0020 04 00 00 00 04 00 00 00 21 09 5e 03 00 00 04 00 .....!.^.....  
0030 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 .....  
0040 5e c0 04 03 ^...  
USB Control (11 bytes):  
0000 09 5e 03 00 00 04 00 5e c0 04 03 .^.....^...

| No.   | Time  | Source        | Destination | Protocol | Length | Info            |
|---|---|---------------|-------------|----------|--------|-----------------|
|   | 8 14.106148                                     | host          | 1.3.0       | USB      | 68     | URB_CONTROL out |
| Frame 8: 68 bytes on wire (544 bits), 68 bytes captured (544 bits) on interface usbmon1, id 0 |   |               |             |          |        |                 |
| Interface id: 0 (usbmon1)   |   |               |             |          |        |                 |
| Interface name: usbmon1   |   |               |             |          |        |                 |
| Encapsulation type: USB packets with Linux header and padding (115)                           |   |               |             |          |        |                 |
| Arrival Time: Jul 20, 2022 17:09:12.797113000 EDT   |   |               |             |          |        |                 |
| [Time shift for this packet: 0.000000000 seconds]   |   |               |             |          |        |                 |
| Epoch Time: 1658351352.797113000 seconds  |   |               |             |          |        |                 |
| [Time delta from previous captured frame: 0.002913000 seconds]                                |   |               |             |          |        |                 |
| [Time delta from previous displayed frame: 0.002913000 seconds]                               |   |               |             |          |        |                 |
| [Time since reference or first frame: 14.106148000 seconds]                                   |   |               |             |          |        |                 |
| Frame Number: 8   |   |               |             |          |        |                 |
| Frame Length: 68 bytes (544 bits)   |   |               |             |          |        |                 |
| Capture Length: 68 bytes (544 bits)   |   |               |             |          |        |                 |
| [Frame is marked: False]  |   |               |             |          |        |                 |
| [Frame is ignored: False]   |   |               |             |          |        |                 |
| [Protocols in frame: usb]   |   |               |             |          |        |                 |
| USB   | URB   |               |             |          |        |                 |
| [Source: host]  |   |               |             |          |        |                 |
| [Destination: 1.3.0]  |   |               |             |          |        |                 |
| URB id: 0xffff931ccbba3440  |   |               |             |          |        |                 |
| URB type: URB_SUBMIT ('S')  |   |               |             |          |        |                 |
| URB transfer type: URB_CONTROL (0x02)   |   |               |             |          |        |                 |
| Endpoint: 0x00, Direction: OUT  |   |               |             |          |        |                 |
| 0... .... = Direction: OUT (0)  |   |               |             |          |        |                 |
| .... 0000 = Endpoint number: 0  |   |               |             |          |        |                 |
| Device: 3   |   |               |             |          |        |                 |
| URB bus id: 1   |   |               |             |          |        |                 |
| Device setup request: relevant (0)  |   |               |             |          |        |                 |
| Data: present (0)   |   |               |             |          |        |                 |
| URB sec: 1658351352   |   |               |             |          |        |                 |
| URB usec: 797113  |   |               |             |          |        |                 |
| URB status: Operation now in progress (-EINPROGRESS) (-115)                                   |   |               |             |          |        |                 |
| URB length [bytes]: 4   |   |               |             |          |        |                 |
| Data length [bytes]: 4  |   |               |             |          |        |                 |
| Interval: 0   |   |               |             |          |        |                 |
| Start frame: 0  |   |               |             |          |        |                 |
| Copy of Transfer Flags: 0x00000000  |   |               |             |          |        |                 |
| .... 0 = Short not OK: False  |   |               |             |          |        |                 |
| .... 0 = ISO ASAP: False  |   |               |             |          |        |                 |
| .... 0 = No transfer DMA map: False   |   |               |             |          |        |                 |
| .... 0 = No FSBR: False   |   |               |             |          |        |                 |
| .... 0 = Zero Packet: False   |   |               |             |          |        |                 |
| .... 0 = No Interrupt: False  |   |               |             |          |        |                 |
| .... 0 = Free Buffer: False   |   |               |             |          |        |                 |
| .... 0 = Dir IN: False  |   |               |             |          |        |                 |
| .... 0 = DMA Map Single: False  |   |               |             |          |        |                 |
| .... 0 = DMA Map Page: False  |   |               |             |          |        |                 |
| .... 0 = DMA Map SG: False  |   |               |             |          |        |                 |
| .... 0 = Map Local: False   |   |               |             |          |        |                 |
| .... 0 = Setup Map Single: False  |   |               |             |          |        |                 |
| .... 0 = Setup Map Local: False   |   |               |             |          |        |                 |
| .... 0 = DMA S-G Combined: False  |   |               |             |          |        |                 |
| .... 0 = Aligned Temp Buffer: False   |   |               |             |          |        |                 |
| Number of ISO descriptors: 0  |   |               |             |          |        |                 |
| [bInterfaceClass: Unknown (0xffff)]   |   |               |             |          |        |                 |
| Setup Data  |   |               |             |          |        |                 |
| bmRequestType: 0x21   |   |               |             |          |        |                 |
| 0... .... = Direction: Host-to-device   |   |               |             |          |        |                 |
| .01. .... = Type: Class (0x1)   |   |               |             |          |        |                 |
| ...0 0001 = Recipient: Interface (0x01)   |   |               |             |          |        |                 |
| bRequest: 9   |   |               |             |          |        |                 |
| wValue: 0x035e  |   |               |             |          |        |                 |
| wIndex: 0 (0x0000)  |   |               |             |          |        |                 |
| wLength: 4  |   |               |             |          |        |                 |
| Data Fragment: 5ec40180   |   |               |             |          |        |                 |
| Frame (68 bytes):   |   |               |             |          |        |                 |
| 0000  | 40 34 ba cb 1c 93 ff ff 53 02 00 03 01 00 00 00 | @4.....S..... |             |          |        |                 |
| 0010  | f8 6e d8 62 00 00 00 00 b9 29 0c 00 8d ff ff ff | .n.b.....)    |             |          |        |                 |
| 0020  | 04 00 00 00 04 00 00 00 21 09 5e 03 00 00 04 00 | .....!.^..... |             |          |        |                 |
| 0030  | 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 | .....         |             |          |        |                 |
| 0040  | 5e c4 01 80                                     | ^...          |             |          |        |                 |
| USB Control (11 bytes):   |   |               |             |          |        |                 |
| 0000  | 09 5e 03 00 00 04 00 5e c4 01 80                | .^.....^...   |             |          |        |                 |



[illegible]



/home/dave/Downloads/anime\_python/capture.pcapng 12 total packets, 12 shown

[illegible]

| No. | Time      | Source | Destination | Protocol | Length | Info            |
|-----|-----------|--------|-------------|----------|--------|-----------------|
| 10  | 14.149394 | host   | 1.3.0       | USB      | 703    | URB_CONTROL out |

Frame 10: 703 bytes on wire (5624 bits), 703 bytes captured (5624 bits) on interface usbmon1, id 0

Interface id: 0 (usbmon1)

Interface name: usbmon1

Encapsulation type: USB packets with Linux header and padding (115)

Arrival Time: Jul 20, 2022 17:09:12.840359000 EDT

[Time shift for this packet: 0.000000000 seconds]

Epoch Time: 1658351352.840359000 seconds

[Time delta from previous captured frame: 0.012144000 seconds]

[Time delta from previous displayed frame: 0.012144000 seconds]

[Time since reference or first frame: 14.149394000 seconds]

Frame Number: 10

Frame Length: 703 bytes (5624 bits)

Capture Length: 703 bytes (5624 bits)

[Frame is marked: False]

[Frame is ignored: False]

[Protocols in frame: usb]

USB URB

[Source: host]

[Destination: 1.3.0]

URB id: 0xffff931ccbbba3440

URB type: URB\_SUBMIT ('S')

URB transfer type: URB\_CONTROL (0x02)

Endpoint: 0x00, Direction: OUT

0... .... = Direction: OUT (0)

.... 0000 = Endpoint number: 0

Device: 3

URB bus id: 1

Device setup request: relevant (0)

Data: present (0)

URB sec: 1658351352

URB usec: 840359

URB status: Operation now in progress (-EINPROGRESS) (-115)

URB length [bytes]: 639

Data length [bytes]: 639

Interval: 0

Start frame: 0

Copy of Transfer Flags: 0x00000000

.... 0 = Short not OK: False

.... 0 = ISO ASAP: False

.... 0 = No transfer DMA map: False

.... 0 = No FSBR: False

.... 0 = Zero Packet: False

.... 0 = No Interrupt: False

.... 0 = Free Buffer: False

.... 0 = Dir IN: False

.... 0 = DMA Map Single: False

.... 0 = DMA Map Page: False

.... 0 = DMA Map SG: False

.... 0 = Map Local: False

.... 0 = Setup Map Single: False

.... 0 = Setup Map Local: False

.... 0 = DMA S-G Combined: False

.... 0 = Aligned Temp Buffer: False

Number of ISO descriptors: 0

[bInterfaceClass: Unknown (0xffff)]

Setup Data

bmRequestType: 0x21

0... .... = Direction: Host-to-device

.01. .... = Type: Class (0x1)

...0 0001 = Recipient: Interface (0x01)

bRequest: 9

wValue: 0x035e

wIndex: 0 (0x0000)

wLength: 639

Data Fragment: 5ec002790278020f0fff0f0fff0f0fff0f0fff0f0fff0f0fff0f0fff0f0f0f0f0f0f7f7f...

Frame (703 bytes):

|      |   |               |
|------|---|---------------|
| 0000 | 40 34 ba cb 1c 93 ff ff 53 02 00 03 01 00 00 00 | @4.....S..... |
| 0010 | f8 6e d8 62 00 00 00 00 a7 d2 0c 00 8d ff ff ff | .n.b.....     |
| 0020 | 7f 02 00 00 7f 02 00 00 21 09 5e 03 00 00 7f 02 | .....!.^..... |
| 0030 | 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 | .....         |
| 0040 | 5e c0 02 79 02 78 02 0f 0f ff 0f 0f ff 0f 0f ff | ^..y.x.....   |
| 0050 | 0f 0f 0f ff 0f 0f ff 0f ff 0f 0f ff 0f 0f 0f 0f | .....         |
| 0060 | 0f 0f 7f 7f 0f 0f 0f 0f 0f 0f 0f 0f 0f 0f 0f    | .....         |
| 0070 | 0f 0f 0f 0f 0f 0f 0f 0f 0f 0f 0f 0f 0f 0f 0f    | .....         |



|      |   |       |
|------|---|-------|
| 0270 | 0f 0f 0f 0f 0f 0f 0f 0f 0f 0f 0f 0f 0f 0f 0f 7f | ..... |
| 0280 | 7f 0f 0f 0f 0f 0f                               | ..... |

```

No.      Time      Source      Destination      Protocol Length Info
  11 14.155379      host      1.3.0      USB      256      URB_CONTROL out
Frame 11: 256 bytes on wire (2048 bits), 256 bytes captured (2048 bits) on interface usbmon1, id 0
Interface id: 0 (usbmon1)
Interface name: usbmon1
Encapsulation type: USB packets with Linux header and padding (115)
Arrival Time: Jul 20, 2022 17:09:12.846344000 EDT
[Time shift for this packet: 0.000000000 seconds]
Epoch Time: 1658351352.846344000 seconds
[Time delta from previous captured frame: 0.005985000 seconds]
[Time delta from previous displayed frame: 0.005985000 seconds]
[Time since reference or first frame: 14.155379000 seconds]
Frame Number: 11
Frame Length: 256 bytes (2048 bits)
Capture Length: 256 bytes (2048 bits)
[Frame is marked: False]
[Frame is ignored: False]
[Protocols in frame: usb]
USB URB
[Source: host]
[Destination: 1.3.0]
URB id: 0xffff931ccbbba3440
URB type: URB_SUBMIT ('S')
URB transfer type: URB_CONTROL (0x02)
Endpoint: 0x00, Direction: OUT
  0... .... = Direction: OUT (0)
  .... 0000 = Endpoint number: 0
Device: 3
URB bus id: 1
Device setup request: relevant (0)
Data: present (0)
URB sec: 1658351352
URB usec: 846344
URB status: Operation now in progress (-EINPROGRESS) (-115)
URB length [bytes]: 192
Data length [bytes]: 192
Interval: 0
Start frame: 0
Copy of Transfer Flags: 0x00000000
  .... 0 = Short not OK: False
  .... 0 = ISO ASAP: False
  .... 0 = No transfer DMA map: False
  .... 0 = No FSBR: False
  .... 0 = Zero Packet: False
  .... 0 = No Interrupt: False
  .... 0 = Free Buffer: False
  .... 0 = Dir IN: False
  .... 0 = DMA Map Single: False
  .... 0 = DMA Map Page: False
  .... 0 = DMA Map SG: False
  .... 0 = Map Local: False
  .... 0 = Setup Map Single: False
  .... 0 = Setup Map Local: False
  .... 0 = DMA S-G Combined: False
  .... 0 = Aligned Temp Buffer: False
Number of ISO descriptors: 0
[bInterfaceClass: Unknown (0xffff)]
Setup Data
bmRequestType: 0x21
  0... .... = Direction: Host-to-device
  .01. .... = Type: Class (0x1)
  ...0 0001 = Recipient: Interface (0x01)
bRequest: 9
wValue: 0x035e
wIndex: 0 (0x0000)
wLength: 192
Data Fragment: 5ec002f104b9000f0f0f0f0f0f0f0f0f0f7f0f0f0f0f0f0f0f0f0f0f0f0f7f7f0f0f...
Frame (256 bytes):
0000 40 34 ba cb 1c 93 ff ff 53 02 00 03 01 00 00 00 @4.....S.....
0010 f8 6e d8 62 00 00 00 00 08 ea 0c 00 8d ff ff ff .n.b.....
0020 c0 00 00 00 c0 00 00 00 21 09 5e 03 00 00 c0 00 .....!.^.....
0030 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 .....
0040 5e c0 02 f1 04 b9 00 0f 0f 0f 0f 0f 0f 0f 0f ^.....
0050 0f 7f 0f 0f 0f 0f 0f 0f 0f 0f 0f 0f 0f 0f 0f 0f .....
0060 7f 7f 0f 0f 0f 0f 0f 0f 0f 0f 0f 0f 0f 0f 0f 0f .....
0070 7f 0f 0f 0f 0f 0f 0f 0f 0f 0f 0f 0f 0f 0f 7f 7f .....

```

```

0080  0f 0f 0f 0f 0f 0f 0f 0f 0f 0f 0f 0f 7f 0f 0f  .....
0090  0f 0f 0f 0f 0f 0f 0f 0f 0f 0f 7f 7f 0f 0f 0f  .....
00a0  0f 0f 0f 0f 0f 0f 0f 0f 7f 0f 0f 0f 0f 0f 0f  .....
00b0  0f 0f 0f 0f 7f 7f 0f 0f 0f 0f 0f 0f 0f 0f 0f  .....
00c0  0f 7f 0f 0f 0f 0f 0f 0f 0f 0f 0f 0f 7f 7f 0f  .....
00d0  0f 0f 0f 0f 0f 0f 0f 0f 7f 0f 0f 0f 0f 0f 0f  .....
00e0  0f 0f 7f 7f 0f 0f 0f 0f 0f 0f 0f 0f 7f 0f 0f  .....
00f0  0f 0f 0f 0f 0f 0f 7f 7f 7f 7f 7f 7f 7f 7f 7f  .....
USB Control (199 bytes):
0000  09 5e 03 00 00 c0 00 5e c0 02 f1 04 b9 00 0f 0f  .^.....^.....
0010  0f 0f 0f 0f 0f 0f 0f 0f 7f 0f 0f 0f 0f 0f 0f  .....
0020  0f 0f 0f 0f 0f 0f 0f 0f 7f 7f 0f 0f 0f 0f 0f  .....
0030  0f 0f 0f 0f 0f 0f 0f 0f 7f 0f 0f 0f 0f 0f 0f  .....
0040  0f 0f 0f 0f 0f 0f 7f 7f 0f 0f 0f 0f 0f 0f 0f  .....
0050  0f 0f 0f 0f 7f 0f 0f 0f 0f 0f 0f 0f 0f 0f 0f  .....
0060  0f 7f 7f 0f 0f 0f 0f 0f 0f 0f 0f 0f 0f 0f 7f  .....
0070  0f 0f 0f 0f 0f 0f 0f 0f 0f 0f 0f 7f 7f 0f 0f  .....
0080  0f 0f 0f 0f 0f 0f 0f 0f 7f 0f 0f 0f 0f 0f 0f  .....
0090  0f 0f 0f 7f 7f 0f 0f 0f 0f 0f 0f 0f 0f 0f 7f  .....
00a0  0f 0f 0f 0f 0f 0f 0f 0f 7f 7f 0f 0f 0f 0f 0f  .....
00b0  0f 0f 0f 0f 7f 0f 0f 0f 0f 0f 0f 0f 7f 7f 7f  .....
00c0  7f 7f 7f 7f 7f 7f 7f  .....

```



| No. | Time      | Source | Destination | Protocol | Length | Info            |
|-----|-----------|--------|-------------|----------|--------|-----------------|
| 12  | 14.158248 | host   | 1.3.0       | USB      | 67     | URB_CONTROL out |

Frame 12: 67 bytes on wire (536 bits), 67 bytes captured (536 bits) on interface usbmon1, id 0

Interface id: 0 (usbmon1)

Interface name: usbmon1

Encapsulation type: USB packets with Linux header and padding (115)

Arrival Time: Jul 20, 2022 17:09:12.849213000 EDT

[Time shift for this packet: 0.000000000 seconds]

Epoch Time: 1658351352.849213000 seconds

[Time delta from previous captured frame: 0.002869000 seconds]

[Time delta from previous displayed frame: 0.002869000 seconds]

[Time since reference or first frame: 14.158248000 seconds]

Frame Number: 12

Frame Length: 67 bytes (536 bits)

Capture Length: 67 bytes (536 bits)

[Frame is marked: False]

[Frame is ignored: False]

[Protocols in frame: usb]

USB URB

[Source: host]

[Destination: 1.3.0]

URB id: 0xffff931ccbba3440

URB type: URB\_SUBMIT ('S')

URB transfer type: URB\_CONTROL (0x02)

Endpoint: 0x00, Direction: OUT

0... .... = Direction: OUT (0)

.... 0000 = Endpoint number: 0

Device: 3

URB bus id: 1

Device setup request: relevant (0)

Data: present (0)

URB sec: 1658351352

URB usec: 849213

URB status: Operation now in progress (-EINPROGRESS) (-115)

URB length [bytes]: 3

Data length [bytes]: 3

Interval: 0

Start frame: 0

Copy of Transfer Flags: 0x00000000

.... 0 = Short not OK: False

.... 0 = ISO ASAP: False

.... 0 = No transfer DMA map: False

.... 0 = No FSBR: False

.... 0 = Zero Packet: False

.... 0 = No Interrupt: False

.... 0 = Free Buffer: False

.... 0 = Dir IN: False

.... 0 = DMA Map Single: False

.... 0 = DMA Map Page: False

.... 0 = DMA Map SG: False

.... 0 = Map Local: False

.... 0 = Setup Map Single: False

.... 0 = Setup Map Local: False

.... 0 = DMA S-G Combined: False

.... 0 = Aligned Temp Buffer: False

Number of ISO descriptors: 0

[bInterfaceClass: Unknown (0xffff)]

Setup Data

bmRequestType: 0x21

0... .... = Direction: Host-to-device

.01. .... = Type: Class (0x1)

...0 0001 = Recipient: Interface (0x01)

bRequest: 9

wValue: 0x035e

wIndex: 0 (0x0000)

wLength: 3

Data Fragment: 5ec003

Frame (67 bytes):

|      |   |                |
|------|---|----------------|
| 0000 | 40 34 ba cb 1c 93 ff ff 53 02 00 03 01 00 00 00 | @4.....S.....  |
| 0010 | f8 6e d8 62 00 00 00 00 3d f5 0c 00 8d ff ff ff | .n.b....=..... |
| 0020 | 03 00 00 00 03 00 00 00 21 09 5e 03 00 00 03 00 | .....!.^.....  |
| 0030 | 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 | .....          |
| 0040 | 5e c0 03  | ^..            |

USB Control (10 bytes):

|      |                               |            |
|------|-------------------------------|------------|
| 0000 | 09 5e 03 00 00 03 00 5e c0 03 | .^.....^.. |
|------|-------------------------------|------------|