VSCP - Very Simple Control Protocol - Specification
by Ake Hedman, Mark Marooth, Charles Tewiah, and Andreas Nyholm

Reversion: 1.31 2005-05-23

the VSCP Team, http: / / www.vscp.org

VSCP - Very Simple Control Protocol Specification **decribes**

Chapter 1. Introduction

There are a

Reserved GUID’s

Some GUID's are reserved and unavailable for assignment. Appendix A list these and also assigned id's.

The VSCP

hardcoded, true for a / / hardcoded device. / / bit 3 = Dont calculate CRC, / / false for CRC usage. _u16 vscp_class; / / VSCP class _u16 vscp_type; / / VSCP type _u8 GUID[16]; / / vscp_tyLSB9709 0.5Td _u16

nickname n2 set relay off. If off-event s received from node

Major

con guration will now notice this message and from the GUID of the sender can determine that it has a new con guration for the node and thus

<priority> ... </priority>

Control(32-bit) Bit 31 - Enabled (if == 1). Indicates if this element in the decision matrix is enabled or disabled. If disabled the decision matrix element is ignoelement

data is a 16-bit integer

(0x03) Probe ACK. This message is sent from a node as a response to a probe. There are no arguments. Type = 4 (0x04) Nickname Failure. Sent to inform other

the actual pointer after the last data has been written i,e the next position on which data will be written. Type = 19 (0x13) Pr

Description Most of the messages below have an index parameter that can be used to indicate which of several SECO (sensor / control) units on a node originated the event. Set to zero if the node only control one Type = 0 (0x00) Unde ned This is a general event of no special type. Type = 1 (0x01) Button A button has been pressed / released. Byte 0 index. Byte 0

in zones on all

127 indicates the channel number. A value between 128 to 157 is change down by the speci ed number of channels. A value between 160 to 191 is change up

the speci c brightness level is sent in byte 3 and

is and extended event and that the speci c volume level is sent in byte 3 and after Byte 1 Zone for which event applies to (0-255). 255 is all zones Byte 2 Sub Zone for which event applies to (0-255). 255 is all sub zones Type=16 to 19 Reserved These are reserved for other future speaker combinations Type=20 (0x14) Select Disk This is typically for selecting a disk for playback Byte 0 A value between 0 and 127 indicates the speci c disk number A value between 128 and 159 is change down by the speci ed number of

1-wire Search ROM command. The 1-wire device id is in the data eldlayed out as a standar

1024 (0x400) Level II

within a class. This is the MSB bit of the type. 15 Type 14 Type 13 Type 12 Type 11 Type 10 Type 9 Type 8 Originating-Address The address is a unique address

Decision matrix format for uP added. Also control function to get size and offset to the decision matrix. 2004-06-11 --- Dusk and Dawn events added. 2004-06-11 --

Name: