

Firmware 1.5 and 1.8 configurations comparison

Description

Since 1.5 firmware version some configuration parameters stopped existing, new ones were added, others simply changed their name. All these changes might be a problem when you want to import old configuration file into WCC Lite with a new firmware. This article is aimed to provide differences between different firmware versions for such protocols as Modbus Master, IEC 608705103 Master and Internal Data.

MODBUS Master

Device sheet:

Parameter	1.5	1.8
mode	-	+
ascii	+	-
keep_alive_timeout	-	+
event_history_size	+	-
update	-	+

+ (exists)

- (does not exist)

Description of a Parameter	1.5	1.8
	Parameter	Parameter
IP address of TCP slave device	host	ip
Number of requests, before link is considered lost (device status signals are changed) and reconnect attempt will be issued	poll_retry_count	retry_count
RS485 delay between read and write operations in milliseconds	poll_delay_ms	serial_delay

Signal sheet:

Parameter	1.5	1.8
scan_rate_ms	+	-

+ (exists)

- (does not exist)

Description of a Parameter	1.5	1.8
	Parameter	Parameter
Size of this signal's log in Event log.	log_size	log

IEC 608705103 Master

Device sheet:

Parameter	1.5	1.8
event_history_size	+	-
serial_delay	+	-
retry_delay_ms	-	+

+ (exists)

- (does not exist)

Description of a Parameter	1.5	1.8
	Parameter	Parameter
Polling interval in milliseconds. Time frame between two telegrams from master.	poll_interval_ms	scan_rate_ms
Response timeout in milliseconds	poll_timeout_ms	timeout_ms
Number of retries of failed requests before announcing that device is in Error state	poll_retry_count	retry_count

Signal sheet:

Description of a Parameter	1.5	1.8
	Parameter	Parameter
Size of this signal's log in Event log.	log_size	log

WCC Lite internal signals

Device sheet:

Parameter	1.5	1.8
name	-	+
device_alias	-	+

+ (exists)

- (does not exist)

Signal sheet:

job_todo comparison:

job_todo	1.5	1.8
gsm	-	+
date	-	+

tag_job_todo comparison:

job_todo	tag_job_todo	1.5	1.8
gpio	GPIO number	+	-
	digital-input	-	+
	rs232-enable	-	+
	sim-select	-	+
	sim-detect	-	+
	modem-reset	-	+
board	active-sim-iccid	+	-
	active-sim	+	-
	duid	+	-
	mac-address	-	+
	uptime	-	+
	fw-version	-	+
	hw-version	-	+
	modem-type	-	+
led	green-signal1	-	+
	green-signal2	-	+
	green-signal3	-	+

+ (exists)

- (does not exist)

Description of a Parameter	1.5		1.8	
	job_todo	tag_job_todo	job_todo	tag_job_todo
GSM RAT number	board	gsm-current-rat-num	gsm	rat-number
GSM IMSI number		gsm-imsi		imsi-number
GSM Internet status		gsm-internet-status		internet-status
GSM operator number		gsm-operator-num		operator-number
GSM roaming status		gsm-roaming-status		roaming-status
GSM signal quality		gsm-signal-quality-num		signal-quality
WLAN LED	led	wcclite:blue:wlan	led	blue-wlan
ETH0 LED		wcclite:green:eth0		green-eth0
ETH1 LED		wcclite:green:eth1		green-eth1
Fault LED		wcclite:red:fault		red-fault
Relay LED & Output		wcclite:relay	gpio	relay