WM Systems LLc

WM-E3S (Customer Interface / M-Bus version) - Parameter Description v2.52
v2.4.x firmware / v2.5.x firmware

Configuration file Parameter Name	WM-E Term Parameter Group	WM-E Term Parameter Name	Default value (recommended factory default values)	Measurement unit/entry type	Comment	Description for the Customer
eventpush.addr		Event push address		Phone nr. Or IP address	Destination IP address of alarm push (SMS/FTP/TCP/UDP)	Add the notification phone number or IP addresss to the Event push address field in international format.
eventpush.sms_text		Event push SMS text	Input changed	text	In case of Input change event, the SMS notification text	Add the notification text for input signal change detection event.
eventpush.sms_ignore		Event push SMS ignore until [sec]	-	seconds	Event push notification sending will be ignored/postponed until the declared interval	Event push notification sending will be ignored/postponed until the declared interval
eventpush.sms_lost_text		LastGASP lost SMS text notification	Power lost	text	In case of power outage (power loss) event, the SMS alarm notification text	Add the alarm notification text for occured power loss detection event.
eventpush.sms_return_text		LastGASP return SMS text notification	Power return	text	In case of release of power outage (end of power loss) event, the SMS alarm notification text	Add the alarm notification text for occured power return detection event.
ei_client.user		EI client username	-	username (text, numbers)	EI address username	Define the EI client's username for the connection IP address
ei_client.pass		EI client password	-	password	EI address password	Define the EI client's password for the username of the connection IP address
ei_client.addr	AMM (IEC)/Transp. Mode	IP address	-	IP address	AMM (EIServer) IP address (ftp client IP)	Here you can define the remote server's IP address where the data will be transmitted through the wireless network
ei_client.auth_mode		EI client authentication mode	-	SELECTION	EI client authentication mode	A remote device can be connected to the modem and readout data - here you can select authentication mode Values: N - no authentication E - EI autheticaion - you have to define the username / password
ei_client.port		Server port	0	Port number	AMM (EIServer) port (ftp client port)	Define the port number of the server IP address
ei_client.deployed		Auto register	0	Checkbox to enable/disable	Automatic registration to the address*	In case of data push send automatically or not 0 is false, 1 is true * Not used
ei_client.interval_fast		Poll interval fast (not deployed)	30	seconds	Poll interval fast (not deployed)*	Value of Poll interval fast (not deployed) * Not used
ei_client.interval_slow		Poll-interval slow (deployed)	30	seconds	Poll-interval slow (deployed)*	Value of Poll-interval slow (deployed) * Not used
ei_client.tcp_keepalive		EI client TCP keep alive	10	minutes	EI client TCP keep alive (in minutes)	Keeps the EI client connection alive for the defined time range
datapush.host		Data push host	-	ftp path/URL with credentials	Data push address (for SMS/FTP/TCP/UDP)	FTP server address and connection parameters - as protocol, IP address as user and password. FTP server IP address - usage: datapush.host = <protocol>://<user>:<password>@<ip_address>/<directory>
datapush.iec_address		Data push IEC address	-	IP address	Data push IEC address (source meter address)	The Data push (ftp) parameters are here if you wish to use the data push service for the modem (as Data push IEC address as the source meter address and the ftp server IP address (Data Push Host)).
datapush.iec_baudrate		Data push IEC readout baudrate	-	SELECTION	Data push IEC readout baudrate	Data push IEC readout baudrate Fix values: 2400, 4800, 9600, 19200
datapush.max_retries	AMM (IEC)	Data push max retries	3	number	Data push max retries (in case of failure)*	Number of retries of data push operation in case of failure *Not in use
datapush.timeout		Data push timeout	15000	milliseconds	Data push timeout	Interval of data / FTP push connection wait - it waits until the declared interval whether it was successful or not *Not in use
datapush.interval		Data push interval	86400	seconds	Data push interval	Interval of next data / FTP push connection trying - the data push will be inactive until the interval spent and then it will try again (if Data push max retries was not exceeded)
datapush.retry_delay		Data push retry delay[s]	60	seconds	Data push retry delay[s]	Data push delay between retries. Value in second.
datapush.table_mask		Data push table mask	T1	SELECTION	Data push table mask	Data push - Mask for signing tariff tables to be pushed Values: T1, T2, T3
datapush.periodic		Data push periodic	5	minutes	Data push periodic	Data push period (cycle) - interval alternative in fixed format. Fix values: 1 min, 5 min, 10 min, 15 min, 30 min, 1 hour, 1 day, off
datapush.prefix		Data push prefix	-	string	Data push prefix	Data push file name prefix (etc. WME1S)
ntp.address		NTP server address	-	IP address	NTP server address	NTP server IP address
ntp.port	Network Protocol	NTP server port	-	Port number	NTP server port number	NTP server port number
ntp.interval		NTP interval	600	seconds	NTP interval	NTP time interval. Value in seconds
ntp.timeout		NTP timeout	60	seconds	NTP timeout	NTP timeout. Value in seconds
smp.dlms_on_boot		Start DLMS session during the boot process	0	Checkbox to enable/disable	Start DLMS session during the boot process	You can enable the start DLMS session during the boot process - used for compatibility with the Elster AM100 modems Values: 0 = false, 1 = true
dlms.host		DLMS host address	-	IP address	DLMS AMM IP address	You can define the DLMS AMM server's IP Address. This is mainly used for compatibility with the Elster AM100 modems
dlms.port		DLMS server port	0	Port number	DLMS server port	You can define the port of DLMS AMM server. It is used for compatibility with the Elster AM100 modems
dlms.timeout		Max. time without DLMS communication [sec]	60	seconds	Max. time in sec. without DLMS communication (timeout)	You can define the max. time interval without DLMS communication (timeout)
dlms.ls_secret		DLMS password	-	password	DLMS encryption key for data push (AES)	Define the DLMS password / encryption key (AES)
loadprofile.strict_dsmr		The visibility of the registers in the profiles "Daily E-billing values", "Monthly billing values"	0	Checkbox to enable/disable	DSMR Load Profile registers* (1-0:1.8.0*255 and 1-0:2.8.0*255) in the profiles Daily E billing values (1-0:99.2.0*255) and Monthly billing values (0-0:98.1.0*255) is controlled by this parameter	You can define the registers to be visible or not Values: 0 = false, 1 = true
dlms.auth_mechanism		List of possible DLMS/COSEM authentication mechanisms	1,5	special syntax	List of possible DLMS/COSEM authentication mechanisms	You can achieve a list of possible DLMS/COSEM authentication mechanisms * Not used
emeter.control_mode		Disconnect relay control	4	number	Disconnect relay control mode (E-meter)	* Not used
dlms.server_logical_address		DLMS Server Logical Address	0	number	DLMS server Logical Address	DLMS server Logical Address
dlms.server_physical_address		DLMS Server Physical Address	0	number	DLMS server Physical Address	DLMS server Physical Address
dlms.server_client_address		DLMS Server Client Address	0	number	DLMS server Client Address	DLMS server Client Address
dlms.server_authentication	AMM / DLMS	DLMS Server Authentication	NONE	SELECTION	DLMS server Authentication Selectable values: NONE, LOW	DLMS server Authentication
dlms.server_password		DLMS Server Password	-	-	DLMS Server Password	DLMS Server Password
dlms.client_physical_address		DLMS Client Physical Address	0	number	DLMS Client Physical Address	DLMS Client Physical Address
dlms.client_logical_address		DLMS Client Logical Address	0	number	DLMS Client Logical Address	DLMS Client Logical Address
dlms.client_address		DLMS Client Address	0	number	DLMS Client Address	DLMS Client Address
dlms.client_authentication		DLMS Client Authentication			DLMS Client Authentication	
dlms.client_password		DLMS Client Password	NONE	SELECTION	DLMS Client Authentication Selectable values: NONE, LOW	DLMS Client Authentication
dlms.server_w_obj_list		DLMS Client W-obj list	-	Address	DLMS Client "W"-object list	DLMS Client "W"-object list E.g. 1.1.97.97.1.255-2,1.1.97.97.2.255-2,1.1.97.97.3.255-2
dlms.push_physical_address		DLMS Push Physical Address	0	number	DLMS Push Physical Address	DLMS Push Physical Address
dlms.push_logical_address		DLMS Push Logical Address	0	number	DLMS Push Logical Address	DLMS Push Logical Address
dlms.push_client_address		DLMS Push Client Address	0	number	DLMS Push Client Address	DLMS Push Client Address
dlms.push_authentication		DLMS Push Authentication	NONE	SELECTION	DLMS Push Authentication Selectable values: NONE, LOW	DLMS Push Authentication
dlms.push_password		DLMS Push Password	-	-	DLMS Push Password	DLMS Push Password
dlms.push_base_logical_name		DLMS Push Base Logical name	-	Address	DLMS Push Base Logical name	DLMS Push Base Logical name E.g. 0.7.25.9.0.255
dlms.push_port		DLMS Push Port	0	Port number	DLMS Push Port Number	DLMS Push Port Number
conn.apn_name		APN Server name	wm2m	name (text, APN allowed chars.)	APN Server name	APN Server name - ask you mobile operator (of the SIM)
conn.apn_pass	APN	APN Password	-	password	APN Password	APN Password - if you mobile operator / APN requires
conn.auto_user		Create APN username automatically	0	Checkbox to enable/disable	Create APN username automatically	0 = off implemented, 1 = not implemented in standard FW * Not used
conn.auto_pass		Create APN password automatically	0	Checkbox to enable/disable	Create APN password automatically	0 = off implemented, 1 = not implemented in standard FW * Not used
pdp.delay		PDP connection establishment delay [min]	0	minutes	Wait time before PDP activation*	Delay
pdp01.apn_user		PDP APN Name	-	READ ONLY	PDP APN Name	Status value
pdp01.apn_pass		PDP APN Password	-	READ ONLY	PDP APN Password	Status value
last.imei	STATUS	IMEI Address	-	READ ONLY	IMEI Address	Status value
last.icc		ICC identifier	-	READ ONLY	ICC identifier	Status value
last.model		Telit module type	-	READ ONLY	Telit module type	Status value
last.revision		Telit module firmware version	-	READ ONLY	Telit module firmware version	Status value
smp.always_on		GPRS always ON	1	Checkbox to enable/disable	Connects to PDP only if it is „push", in any other case the GPRS part is inactive (for FTP push or UDP/TCP push)	Check in the field, if it was empty (If it's empty it will be always online) Values: 1 = on, 0=off value for triggering only
smp.connect_on_timer		Connection timer	0	Checkbox to enable/disable	Connection timer	Choose the Connection timer – only if you are not using the GPRS always ON option (when it is disabled) Values: 1 = on, 0=off value
smp.connect_start		Start GPRS connection	FFFFFFFFF000000	HH:MM:SS	Start GPRS connection - if the „GPRS Always ON" parameter was set to 0, then here can be defined a date/time when it will push the data	Schedule of starting the GPRS connection / data push First part "FFFFFFFFFF" = the date Second part "000000" is the HHMMSS time format
smp.connect_interval		Additional delay-time	0	seconds	Additional delay interval before alarm push	Delay-time interval definition in case of using "push" to give some delay for build-up the connection. Will be valid only if the „GPRS Always ON" parameter was set to 0
smp.disconnect_delay		Hold-time of GPRS connection	0	seconds	After alarm push, the PDP context will be deactivated and disconnected after this defined interval.	Hold-time of GPRS connection Will be valid only if the „GPRS Always ON" parameter was set to 0
tm_server.port	M2M	Port for transparent (IEC) meter-readout	9000	Port number	Port for transparent (IEC) meter-readout	Define the Port for transparent (IEC) meter-readout. Note that must be different from the Download config and firmware port number
fw_server.port		Port for download config and firmware	9001	Port number	Port for download config and firmware	Define Port for download config and firmware. Note that must be different from Transparent IEC meter-readout port number
conn.max_retries		Number of GPRS connection attempts till module-reset	15	number	Number of GPRS connection attempts till module-reset	Number of maximum GPRS (PDP) connection attempts 'till module-reset
conn.retry_delay_rewind		Waiting time until next try	1	seconds	Waiting time until next network connection attempt*	If the PDP context activation was not successful, then it will wait until for the defined interval to the re-activation If that reached the end of the Time(s) [secs] between „GPRS connection attempts" parameter value timeout, it goes back to the list, otherwise it is not used. * not implemented
conn.encrypt_pass		Encrypt password via MD5 algorithm	0	Checkbox to enable/disable	Encrypt password via MD5 algorithm	Encrypt password via MD5 algorithm Values: 0 = false, 1 = true
conn.retry_delay		Time(s) [secs] between GPRS connection attempts	15,15,300,15,15,300,15,15,3600	seconds	Time(s) [secs] between GPRS connection attempts	If the PDP context activation was not successful, it will delay the reconnection according to the listing
conn.ping_host		Ping IP-address	8.8.8.8	IP address	Ping IP-address	IPV4 address to ping for (checking the cellular connection health)
conn.ping_max_retries		Number of ping-retries	3	number	Number of retries of checking the cellular network availability	Number of retries of checking the cellular network availability
conn.ping_timeout		Ping wait-time (for reply)	15000	milliseconds	Ping wait-time (for reply)	Timeout of ping interval (for checking the cellular network availability)
conn.ping_interval		Wait-time (for next ping)	86400	seconds	Wait-time (for next ping)	Interval (wait time) between ping cycles, the next ping sequence occuring (for checking the cellular network availability)
conn.no_network_timeout		Timeout at GPRS login fail	30	minutes	Timeout at GPRS login fail	Timeout when GPRS (PDP) login fail accours - tolerance interval of PDP connection establishment error
smp.bos_timeout		Wait-time till module-reset [hours]	24	hours	Module restart after this interval	Module restart after this interval
smp.restart_time		Daily restart on a fix, parametrised time, HHMM		HH:MM	Daily restart on a fix, parametrised time, HHMM	Daily restart on a fix, parametrised time, value in HH:MM format. If you attempt to define a daily restart interval for the device - add the HH:MM value of the time of the device restart. Leave it empty if you do not allow the device to restart every day.
conn.reconnect_interval		Seconds, gprs connection closed and restored after this time	0	seconds	GPRS connection closed and restored after this time	Waiting interval between PDP connection establishment, the value is also used for ping. If the ping is configured (Ping wait-time (for reply) parameter), then the defined interval / repeat time will be used for automatic reconnection after the given delay has elapsed. Here you can define that after the network drops our the modem, how long does the modem wait before trying to reconnect to the mobile network again. Ask your mobile provider about the offered settings. Note that if you set this parameter to a low value that can cause frequent network reconnections. Therefore under no circumstances should you set this value lower than what your mobile service provider recommends. (e.g. there are mobile network providers that limit the number of times a modem can log on to the network in a given time). Default value: 0
conn.dss_apn_name		APN server name for device services session	-	name (text, APN allowed chars.)	APN server name for device services session (FTP OTA)	Telit module FOTA support APN Server name - ask you mobile operator (of the SIM)
conn.dss_apn_user		APN user name for device services session	-	username (text, numbers)	APN user name for device services session (FTP OTA)	Telit module FOTA support APN Username - if you mobile operator / APN requires
conn.dss_apn_pass	WATCHDOG	APN password for device services session	-	password	APN password for device services session (FTP OTA)	Telit module FOTA support APN Password - if you mobile operator / APN requires

Key	Category	Name	Default	Type	Description	Notes
conn.dss_ws46	CELLULAR NETWORK	Cellular network access technology selection (LTE, 3G, 2G mode) for FOTA	25	special syntax	Cellular network access technology selection (LTE, 3G, 2G mode) for FTP OTA	Here you can select a dedicated network for FOTA firmware updates or in case of availability of fallback channel you can choose that, or there is the opportunity to choose "All available access technology" Values: * "2G only" - Value: 12 * "3G only" - Value: 22 * "All available access technology (Default)" - Value: 25 "LTE only (default on LTE Cat 1. modems)" - Value: 28 * "3G to 2G (Fallback)" - Value: 29 * "LTE to 2G (Fallback)" - Value: 30 * "LTE to 3G (Fallback)" - Value: 31 Note that the listed modes are not available for all modem type. The marked modes are only available if the cellular network access technology mode is supported by the current module. We do recommend to use the following settings for the Cat.NB / Cat.M modem: "LTE only (default on LTE Cat 1. modems)" option, Value: 28 You can also refine the settings and to use the following values to select IoT technology: - 28,0 (use the CAT-M1 network) - 28,1 (use the NB-IoT / Narrow Band network) - 28,2 (use Cat.M1 and NB-IoT technology) For LTE 4G modems we offer to chose the „LTE to 2G (Fallback)" Value 30 - if the fallback channel is supported on the modem or the LTE to 3G fallback (Value: 31) if it is supported If the "all available network" option is supported by the modem and it was chosen, the modem will try to register to the last succesful technology.
conn.dss_ftpota_retry		FTP OTA retry	0	number	FTP Firmware refresh (OTA) retry	Telit module FOTA support / FTP firmware refresh retry numbers
conn.dss_ftpota_par		FTP OTA parameter (Server address, filename, path)	-	ftp path/URL with creditentials	FTP OTA parameters (FTP host, user/pass, path, filename) Like: FTP server IP address - usage: datapush.host = <protocol>://<user>:<password>@<ip address>/<directory>	Telit module FOTA support / FTP server address and connection parameters - as protocol, IP address as user and password. Leave it empty if it is not used
conn.dss_ftpota_status		FTP OTA status	-	READ ONLY	FTP OTA status	Telit module FOTA support / Status information of the current FTP OTA status
conn.at_wmbs		Band frequency configuration	-1	list code	Band frequency configuration according to the selected cellular network access technology	WMBS tab: 2G, 3G, LTE, ... access cellular network technology selection. Here you can select a dedicated network or in case of availability of fallback channel you can choose that, or there is the opportunity to choose "All available access technology" Here you can select a dedicated network for FOTA firmware updates or in case of availability of fallback channel you can choose that, or there is the opportunity to choose "All available access technology" Values: * "leave the cellular technology on the last used technology without changing" - Value: -1 * "2G only" - Value: 12 * "3G only" - Value: 22 * "All available access technology (Default)" - Value: 25 "LTE only (default on LTE Cat 1. modems)" - Value: 28 * "3G to 2G (Fallback)" - Value: 29 * "LTE to 2G (Fallback)" - Value: 30 * "LTE to 3G (Fallback)" - Value: 31 Note that the listed modes are not available for all modem type. The marked modes are only available if the cellular network access technology mode is supported by the current module. We do recommend to use the following settings for the Cat.NB / Cat.M modem: "LTE only (default on LTE Cat 1. modems)" option, Value: 28 You can also refine the settings and to use the following values to select IoT technology: - 28,0 (use the CAT-M1 network) - 28,1 (use the NB-IoT / Narrow Band network) - 28,2 (use Cat.M1 and NB-IoT technology) For LTE 4G modems we offer to chose the „LTE to 2G (Fallback)" Value 30 - if the fallback channel is supported on the modem or the LTE to 3G fallback (Value: 31) if it is supported If the "all available network" option is supported by the modem and it was chosen, the modem will try to register to...
conn.cicb		Type of incoming calls when no incoming bearer is specified	0	SELECTION	Barrier type of incoming calls when no incoming bearer is specified	It is necessary for CBST and CSNS commands CICB tab. Values: 0 = voice, 2 = fax, 4 = data
conn.rings		Number of ring before accept call	3	number	Number of ring attempts	Waits for the defined number of rings before accepting the data call (CSD)
csd.password		Password for CSD call	-	password	Password for CSD call (login pass for call and SMS)	Login pass for call and SMS
sim.pin_code		PIN number (SIM card)	-	PIN code	PIN number (SIM card)	PIN code of the SIM card - ask your mobile provider
conn.at_cops		Provider selection-mode (roaming)	-	SELECTION	Provider selection-mode (roaming)	Cellular network provider change parameter. Syntax in file: mode, format, operator
calendar_dst_begin	CALENDAR	Start daylight saving	FFFF03FE07020000003C	DateTime	Start daylight saving (summer) – DST start date/time	Start date of daylight saving (summer) in hexadecimal format
calendar_dst_end		End daylight saving (winter)	FFFF0AFE070300000078	DateTime	End daylight saving (winter) – DST start date/time	End date of daylight saving (winter) in hexadecimal format
calendar_dst_enabled		Switching daylight saving time / normal time	1	Checkbox to enable/disable	Switching daylight saving time / normal time – DST enablement	You can switch on or off the daylight saving time / normal time handle Values: 0 = false, 1 = true
calendar_dst_deviation		Offset daylight-saving-time in minutes	60	minutes	Offset daylight-saving-time in minutes (Compared to DST)	GMT offset of daylight saving time handle (in minutes)
calendar.timezone		Deviation of local time to GMT	60	minutes	Deviation of local time to GMT	GMT deviation of daylight saving time handle (in minutes)
led1	STANDARD METER INTERFACE	Meaning of LED 1	1	SELECTION	Meaning of LED 1	LED tab - selecting the nr. Of LED meaning in the LED selection list
led2		Meaning of LED 2	6	SELECTION	Meaning of LED 2	LED tab - selecting the nr. Of LED meaning in the LED selection list
led3		Meaning of LED 3	4	SELECTION	Meaning of LED 3	LED tab - selecting the nr. Of LED meaning in the LED selection list
led4		Meaning of LED 4	0	SELECTION	Meaning of LED 4	LED tab - selecting the nr. Of LED meaning in the LED selection list
led5		Meaning of LED 5	30	SELECTION	Meaning of LED 5	LED tab - selecting the nr. Of LED meaning in the LED selection list
led6		Meaning of LED 6	2	SELECTION	Meaning of LED 6	LED tab - selecting the nr. Of LED meaning in the LED selection list
emeter.date_format		Date format for read out	YYMMDD	Date	IEC date format for readout (YYMMDD)	Date format / syntax for read out (YYMMDD)
ini.version		Version number of config file	-	Text	Version number of config file	*Not used
dmset.am100.typekey		Type key of AM100 corresponding to the name plate	-	Text	Type key of AM100 corresponding to the name plate	*Not used
smi.init		Meter interface init values	-	-	WM-E2S meter interface settings*	* Not used * Only for WM-E2S
fw_server.baud		Configuration port settings	-	String	Configuration interface speed rate and operation mode	* Available only on WM-E2SL TNB modem
smi.relay		Relay control	-	SELECTION	Relay control for e-meter	Values: T1, T2, T3, T4 * Only for WM-E3S CI R relay version
smp.nta_mode	TRANSP. / NTA	Multi utility mode (DLMS active)	1	SELECTION	Multi utility mode (DLMS active) - Activates the E-meter LED	Activates the E-meter LED Values: 1= transparent mode, 2 = multi-utility mode * Transparent mode implemented only
tm.tls_enable		Transparent mode TLS enable	1	Checkbox to enable/disable	Enable TLS encrypted communication	0= TLS disabled 1=TLS enabled
tm.mode8n1		Data format fix 8N1 for meters, that fix on 8N1	0	Checkbox to enable/disable	Data mode for emeter serial port (select 8N1 or 7E1)	1=on (8N1), 0=off (7E1)
tm.cert		Transparent modet certificate bank select	0	Number	Transparent mode certificate bank selection	1=yes, 0=no
tm.use_crl		Transparent mode CRL usage	0	Checkbox to enable/disable	Transparent mode CRL (Certification Revoke List) usage	1=yes, 0=no
tm.ca_cert		Transparent CA certificate bank select	0	Number	Transparent CA certificate bank selection	1=yes, 0=no
tm.baud		Meter port baud rate (for transparent mode and meter readout)	9600	Baudrate (bps)	E-meter serial port speed (during readout)	Values (in bps) can be: 300, 600, 1200, 2400, 4800, 9600, 19200, 38400, 56100, 115200 Recommended: 9600 (bps)
tm.verify		Transparent mode certificate verification	0	SELECTION	Transparent mode certificate verification	0=Not, 1=Optional, 2=Mandatory
tm2.port	SECONDARY TRANSPARENT	Secondary transparent port	9002	Port number	Secondary transparent socket port	Secondary transparent port number
tm2.baud		Secondary transparent baudrate	2418	Baudrate (bps)	Secondary transparent baudrate	Secondary transparent baudrate (speed rate in bps)
dcd.mode	RS485	DCD mode	3	SELECTION	to configure DCD control mode	Available DCD modes: 0=Fix 0, 1=Fix 1, 2=Standard, 3=Inverted
rs485.mode		RS485 mode	0	SELECTION	RS485 wiring type	0=RS232 only, 1=2-wire RS485, 2=4-wire RS485
dm.tls_enable	DEVICE MANAGER	Device Manager TLS enable	0	Checkbox to enable/disable	Device Manager TLS enable	1=yes, 0=no
dm.server		Device Manager server IP address	-	IP address	Device Manager server IP address	Remote Device Manager server IP
dm.port		Device Manager server port	0	Port number	Device Manager server port number	Device Manager server port number
dm.push_enable		Device Manager push enable	0	Checkbox to enable/disable	Device Manager CRL (Certification Revoke List) usage	1=yes, 0=no
dm.push_interval		Device Manager push interval [sec]	120	number	Device Manager push interval	DM data "push" cycle / interval value in seconds
dm.cert		Device Manager certificate bank	0	Number	Device Manager certificate bank selection	1=yes, 0=no
dm.use_crl		Device Manager CRL usage	0	Checkbox to enable/disable	Device Manager CRL (Certification Revoke List) usage	1=yes, 0=no
dm.verify		Device Manager certification verification	0	SELECTION	Transparent mode certificate verification	0=Not, 1=Optional, 2=Mandantory
dm.ca_cert		Device Manager CA certificate bank	0	Number	Device Manager CA certificate bank selection	1=yes, 0=no
mbus.max_meters	M-Bus	Maximum number of M-Bus device	4	Number	Maximum number of M-Bus device	
mbus.install_timeout		Installation timeout	25	Number	Installation timeout	value in minutes
mbus.monthly_capture_objects		Number of monthly objects	1	Number	Number of monthly objects	
mbus.inactivity_timeout		Inactivation timeout	10	Number	Mbus device inactivation timeout	value in hours
mbus.readingtime		Readout time	1	Number	Readout time interval	value in seconds
mbus.activate_address		Activation address	99999993	Number	Activation address	
mbus.sendingtime		Upload time	0	Number	Upload time	value: minutes + monthly*
mbus.transp_inactivity_timeout		Inactivity timeout	600	Number	Inactivity timeout	value in seconds
mbus.filename		File encryption type	-	String	File encryption type	
mbus.c_X_address		M-Bus address	-	String	M-Bus address	
mbus.c_X_fields		Required field number(s)	-	String	Required field number(s)	
mbus.c_X_rfid		RFID(mRID)	-	String	RFID(mRID)	
mbus.c_X_metername		Meter name	-	String	Meter name	
mbus.c01_capture_definition		DIF/VIF identifier Mbus device #1	4C13	Identifier	DIF/VIF identifier Mbus device #1	
mbus.c01_scaler_unit		Scale Unit	-3,13	unit numbers	M-Bus Scaler Unit #1	comma separated
mbus.c01_capture_period		Read Interval	18	number	M-Bus read interval for device #1	
mbus.c01_capture_objects		LP Object	1	number	Load Profile object for device #1	
mbus.c02_capture_definition		DIF/VIF identifier Mbus device #2	4C13	Identifier	DIF/VIF identifier Mbus device #2	
mbus.c02_scaler_unit		Scale Unit	-3,13	unit numbers	M-Bus Scaler Unit #2	comma separated
mbus.c02_capture_period		Read Interval	18	number	M-Bus read interval for device #2	
mbus.c02_capture_objects		LP Object	1	number	Load Profile object for device #2	
mbus.c03_capture_definition		DIF/VIF identifier Mbus device #3	4C13	Identifier	DIF/VIF identifier Mbus device #2	
mbus.c03_scaler_unit		Scale Unit	-3,13	unit numbers	M-Bus Scaler Unit #3	comma separated
mbus.c03_capture_period		Read Interval	18	number	M-Bus read interval for device #3	
mbus.c03_capture_objects		LP Object	1	number	Load Profile object for device #3	
mbus.c04_capture_definition		DIF/VIF identifier Mbus device #4	4C13	Identifier	DIF/VIF identifier Mbus device #4	
mbus.c04_scaler_unit		Scale Unit	-3,13	unit numbers	M-Bus Scaler Unit #4	comma separated
mbus.c04_capture_period		Read Interval	18	number	M-Bus read interval for device v	
mbus.c04_capture_objects		LP Object	1	number	Load Profile object for device #4	
dmset.mbus.c0X_metertype		M-Bus mapping	-	Matrix	M-Bus mapping	Syntax: Act; Media; Manufacturer; DIF/VIF;Scale unit; OBIS reg.; Rd-interval; LP object; MBus-address; required field number(s); RFID (mRID); Meter name
p1.active	P1 CUSTOMER INTERFACE	P1 active	1	Checkbox to enable/disable	Mapping of P1 interface activation for the Customer Interface	* Available only for WM-E3S CI
p1.interval		Interval time data output	10	seconds	Interval time data output	* Available only for WM-E3S CI
emeter.logoff_delay		Logout time	1000	milliseconds	Logout time	* Available only for WM-E3S CI
p1.low_prio_count		Sum of added registers	10	number	Sum of added registers	number of registers * Available only for WM-E3S CI
p1.output_version		P1 output	0	SELECTION	P1 output type	values: 0=Default, 1=Output to DSMR 3.0, 2=Output to DSMR 5.0 * Available only for WM-E3S CI
emeter.iec_address		IEC address for P1 interface	-	IP address	IEC address for P1 interface	IP address format * Available only for WM-E3S CI
emeter.logoff_delay		Logout time	1000	milliseconds	Logout time - Optimization of customer interface logout time (hold connection) for register reading customer interface*	* Available only for WM-E3S CI
emeter.readout_display		Readout from display list (registers)	1	Checkbox to enable/disable	Readout from display list (registers)	Allow display list registers to be read out (checkbox) Values: 1=yes; 0=no * Available only for WM-E3S CI
emeter.readout_service		Readout from service list (registers)	0	Checkbox to enable/disable	Readout from service list (registers)	Allow service registers to be read out (checkbox). Values: 1=yes; 0=no * Available only for WM-E3S CI
p1.lp_output		Output of load profile data on customer interface	1	Checkbox to enable/disable	Output of load profile data on customer interface	Values: 1=yes; 0=no * Available only for WM-E3S CI
p1.delay		Delay before send of load profile data	80	milliseconds	Delay before send of load profile data	* Available only for WM-E3S CI
p1.entry_count		Sum of measuring period entries per Load	1	number	Sum of measuring period entries per Load	* Available only for WM-E3S CI
p1.mappings		P1 mapping	-	Matrix	P1 mapping*	Syntax: Source;Description;OBIS E-meter;OBIS P1 out;Unit;Priority Values: - Source: selection - Description: string/text - OBIS E-meter: address (digit.digit.digit) - example: 0.0.0 - OBIS P1 out: ID-address - example 1-0:0.0.0 - Unit: string (e.g. kWh) - Priority: checkbox (values:yes=1;no=0) * Available only for WM-E3S CI

p1.logging		Logging	0	Checkbox to enable/disable	Enable logging*	Values: 1=yes, 0=no * Currently not used * Available only for WM-E3S CI
log_server.port		Log Server port	-	number	Log Server port*	* Currently not used * Available only for WM-E3S CI
ntp.address	NETWORK PROTOCOLS	NTP Server IP Address	-	IP address	IP Address of NTP Time synch server	Server address of NTP time synchronisation
ntp.port		NTP Server port	0	Port number	Port of NTP Time synch server	Server port nr. of NTP time synchronisation
ntp.interval		NTP server synchronisation interval (sec)	10	seconds	Time synchronisation refresh interval	Cycle of NTP time synchronisation
ntp.timeout		NTP server synchronisation timeout (sec)	10	seconds	Timeout for NTP synch attempt - after this period the NTP sync attempt will be stopped	Timeout of NTP time synchronisation