BACnet interface – D2-10-30 (fat profile)

How EEP **D2-10-30** appears on BACnet when the gateway assigns it as a fat-profile channel: selected RX and TX fields are available at once as Analog Input / Analog Output objects—without Message-ID or Interface-Type switching on BACnet.

Applies to gateways: EO-BAC and EO-BAC-IP.

References:

1. The official description of EEP D2-10-30: http://tools.enocean-alliance.org/EEPViewer/profiles/D2/10/30/D2-10-30.pdf

1 What you get

- All selected RX parameters as **AI** objects and TX parameters as **AO** objects simultaneously.
- Object names include Message ID and field name (see below).
- After teach-in, interface type **Mixed telegrams** marks fat mode (stored and restored after reboot). Other interface types keep the normal object set.

2 Limits

Limit	Value
Gateway channels (total)	**40**
Fat-profile devices	**20** max
Data objects per fat channel (each direction)	indices **0–89** (unused objects hidden)
Metadata objects per channel	indices **90–99**
21st D2-10-30 device	Assigned as a **normal** (compact) channel with telegram switching; WebUI OK text includes `FAT_POOL_FULL`
AO Priority_Array	At most **3** concurrent non-NULL priorities per AO (same as other gateway AOs)

Other EEPs keep the normal object set.

3 Parameter map

This chapter contains a general description of the D2-10-30 BACnet interface. You can find a complete list of objects in Annex A.

3.1 BACnet object IDs

Fat object-instance formulas:

Type	Formula	Example (chIndex 0)
AI (RX)	`100 + chIndex * 100 + index`	AI 100–199
AO (TX)	`100100 + chIndex * 100 + index`	AO 100100–100199

`chIndex` = 0-based index of a channel (0–39) `index` = index of a parameter within the channel (0–99).

Only visible indices appear in the object list.

Index	Role
RX 0	**LastMSGID** – last received Message ID
TX 0	**SendMSGID** – send command for Message ID (see Behaviour)
RX 1…43	Payload fields of status messages (S -> G) **0x21–0x24**
TX 1…29	Payload fields of command messages (G -> S) **0x80–0x9B**
RX 44–64 / TX 30–50	Configuration message (S <-> G) **0x61**
RX 65–71 / TX 51–57	Clock setup message (S <-> G) **0x62**
90–99	Metadata (telegram counter, age, **SEND**, …)—same idea as other EEPs

RX and TX may use different indices for the same Message ID (packed layouts).

3.2 Included Message IDs

Direction	Exposed	Not exposed
RX (AI)	`0x21–0x24`, `0x61`, `0x62`	`0x00`, `0x20`, `0x80–0x9B`
TX (AO)	`0x80–0x9B`, `0x61`, `0x62`	`0x00`, `0x20`, `0x21–0x24`

3.3 Object names

Same BACnet object-naming mode as other channel objects (channel label or channel number + EnOcean ID), with direction prefix `FatRX` / `FatTX` for payload objects. Metadata keeps compact prefixes `RX` / `TX` (e.g. `_RX_V91_Telegram age`, `_TX_V95_SEND`):

- Example (label mode): `{Label}_{ID}_FatRX_MSG0x{nn}_V{k}_{Field}` / `{Label}_{ID}_FatTX_MSG0x{nn}_V{k}_{Field}`
- RX LastMSGID: no `MSG0x` segment; name ends with `_V0_LastMSGID`
- TX SendMSGID: no `MSG0x` and no `_V0_`; name ends with `_FatTX_SendMSGID`
- Descriptions use the same field metadata as normal values (name, range, unit).

4 Behaviour

Messages are not sent instantly; they wait in a queue until the D2-10-30 device wakes up. There are two send modes—automatic and manual. By default, the **SEND option is 26:OnWriteAny**, so every write to a TX object automatically updates the corresponding message waiting in the queue. The last-written state is sent to the device.

Alternatively, you can disable the automatic mode by setting SEND 1:None. Then it is:

1. prepare the message by writing its TX objects
2. send (enqueue) the message by writing its message ID to the `_FatTX_SendMSGID` object.

The older compact interface was:

1. select the message by writing its message ID to the `_TX_V0_MSG ID` object
2. prepare the message by writing TX objects
3. send the message by writing 2:SendNow to the `_TX_V95_SEND` object

In the compact interface, the *select-prepare-send* operation could be performed in a single step with WritePropertyMultiple (write TX_V0, TX_V1, TX_V2, …) while SEND is 26:OnWriteAny.

Writing a message ID to `_FatTX_SendMSGID` is like writing 2:SendNow to `_TX_V95_SEND` in the compact interface. For fat profile, writing 2:SendNow to `_TX_V95_SEND` re-sends (re-queues) message ID appearing in `_FatTX_SendMSGID`.

4.1 WritePropertyMultiple (FatTX)

Writes are applied in the order listed. With default **SEND=26**, each written payload AO updates that Message ID in the send queue (same MSGID is refreshed, not duplicated).

Recommended patterns (keep **SEND=26** unless you mean to change it):

1. **Include SendMSGID first** — write **255**, then payload AOs (optionally **SEND=26**). Queues every Message ID touched by those payloads. Do **not** write a real MSGID in SendMSGID here: it would enqueue before the payload values are applied.
2. **Write one Message ID block** — that block's payload AOs only (or several blocks). Queues those Message ID(s) only.

Object	Behaviour
RX LastMSGID (AI)	Last received Message ID (**255** = none yet). **Read-only.**
TX SendMSGID (AO)	Present_Value = last **sent** Message ID (**255** = none yet). **Write** a TX-exposed Message ID (see Included Message IDs) to queue that message. **Write 255** clears "none" without queuing. Any other value → write rejected (`other`).
SEND (metadata MSV)	**26:OnWriteAny** (default after fat teach-in): writing a FatTX payload field sends a message to the device. **1:None**: writing a payload field does not trigger send; write **SendMSGID = MSGID** to send that message to the device. **2:SendNow**: re-sends the current **SendMSGID** with prepared FatTX values (no-op if SendMSGID is still 255).
Other TX AOs	Write updates that field's pending TX value. With 26:OnWriteAny, also queues that message for send.
RX AIs	Updated when a matching telegram is received.
0x61 / 0x62	On receive, RX values are updated and matching TX values are sent if queued.
Reliability (fat AI)	OK only for Message IDs received since the last communication timeout (plus LastMSGID after any included RX). Channel timeout marks **all** fat AIs as communication failure.

Unlike a normal compact EEP mode, fat mode does **not** require switching between telegrams—you choose which Message ID to send among the simultaneous FatTX objects.

5 Limitations

- At most **20** fat devices; further D2-10-30 devices use the limited normal/compact object set.
- **COV** support: supported for fat AI objects. Write `COV_Increment` in engineering units (same scale as Present_Value). Value **65535** disables COV for that object.
- **Persistence:** fat **COV_Increment**, AO Priority_Array, and fat Present_Values are **volatile**—they are **not** saved to device non-volatile memory. After a power cycle, COV increments reset to disabled (**65535**); Priority_Array and Present_Values clear until the next EnOcean RX or BACnet TX write. **SEND** is stored in non-volatile memory (default 26:OnWriteAny after fat teach-in).
- **AO Priority_Array:** each fat AO can be written at any time. At most **3** active priorities per AO; a 4th distinct priority is rejected (`no-space-to-write-property`). Priority **6** remains reserved.
- **AO Relinquish_Default (fat):** read-only; value from the EEP field default. Write is rejected (`write-access-denied`).
- This profile exposes up to **58** TX objects (including SendMSGID) and **72** RX objects (including LastMSGID), plus metadata **90–99**.
- **Out_Of_Service** is not supported on fat AI/AO in this release (write denied; flag always false).
- **WebUI** limited support for "Mixed telegrams": banners marking fat profile in [Edit device > Values / BACnet]. The Values editor still shows the compact ≤15-value set; FatRX/FatTX live values are on **BACnet** only. **EDE export** ([Settings > BACnet > Export]) lists the full FatRX/FatTX object set (see Annex A). No PC-tool fat-parameter editor in this release.

- Object rename, description change and per-value visibility are not available for fat objects.
- Only D2-10-30 uses the fat object set today.

6 Quick check after teach-in

1. For EO-BAC-IP, WebUI shows "3:Mixed telegrams" in [Edit device > Settings] and there is a text saying "Fat profile (Mixed telegrams): ..." at the top of [Edit device > Values / BACnet]. The JSON config file contains:

   ```
   "ir":3,
   "irp":33,
   "it":3,
   "itp":128,
   ```

2. BACnet object list and WebUI **EDE export** show many `..._FatRX_...` / `..._FatTX_...` names (not only the short normal set); look for `..._FatTX_SendMSGID`. Compare with Annex A.

3. With default SEND=26:OnWriteAny: writing a FatTX field sends that message (when D2-10-30 wakes up, you can press the occupancy button).

4. With SEND=1:None: write FatTX fields to prepare, then write SendMSGID to send.

You can check the EnOcean communication in the Dolphin View.

Annex A – Channel 1 object list (example)

Example from an EDE export for D2-10-30 at **channel 1** (`chIndex` = 0): Channel label `RPW.01`, EnOcean ID `05-89-A3-F4`.

Type	Instance	Index	Object name	Description
AI	100	0	RPW.01_0589A3F4_FatRX_V0_LastMSGID	LastMSGID 0...255
AI	101	1	RPW.01_0589A3F4_FatRX_MSG0x21_V1_Humidity	Humidity 0...100 %
AI	102	2	RPW.01_0589A3F4_FatRX_MSG0x21_V2_Open Window Detect	Open Window Detect
AI	103	3	RPW.01_0589A3F4_FatRX_MSG0x21_V3_Occupancy Button Status	Occupancy Button Status
AI	104	4	RPW.01_0589A3F4_FatRX_MSG0x21_V4_Room Control Mode	Room Control Mode
AI	105	5	RPW.01_0589A3F4_FatRX_MSG0x21_V5_Room Temperature	Room Temperature 0...50 °C
AI	106	6	RPW.01_0589A3F4_FatRX_MSG0x21_V6_PIR Status	PIR Status
AI	107	7	RPW.01_0589A3F4_FatRX_MSG0x21_V7_Fan Speed	Fan Speed
AI	108	8	RPW.01_0589A3F4_FatRX_MSG0x21_V8_Recent Temperature Set Point - absolute	Recent Temperature Set Point - absolute 0...50 °C
AI	109	9	RPW.01_0589A3F4_FatRX_MSG0x21_V9_Recent Temperature Set Point - relative	Recent Temperature Set Point - relative -10...10 K
AI	110	10	RPW.01_0589A3F4_FatRX_MSG0x21_V10_Analog Value	Analog Value 0...100 %
AI	111	11	RPW.01_0589A3F4_FatRX_MSG0x22_V11_UI Type	UI Type

AI	112	12	RPW.01_0589A3F4_FatRX_MSG0x22_V12_Mold Warning/Advice	Mold Warning/Advice
AI	113	13	RPW.01_0589A3F4_FatRX_MSG0x22_V13_Display Content	Display Content
AI	114	14	RPW.01_0589A3F4_FatRX_MSG0x22_V14_Device Status	Device Status
AI	115	15	RPW.01_0589A3F4_FatRX_MSG0x22_V15_Party/Holiday Status	Party/Holiday Status
AI	116	16	RPW.01_0589A3F4_FatRX_MSG0x22_V16_Heating/Cooling Status	Heating/Cooling Status
AI	117	17	RPW.01_0589A3F4_FatRX_MSG0x22_V17_Sun/Moon Status	Sun/Moon Status
AI	118	18	RPW.01_0589A3F4_FatRX_MSG0x22_V18_Daylight Saving Time	Daylight Saving Time
AI	119	19	RPW.01_0589A3F4_FatRX_MSG0x22_V19_Autonomous Level	Autonomous Level
AI	120	20	RPW.01_0589A3F4_FatRX_MSG0x22_V20_Energy State	Energy State
AI	121	21	RPW.01_0589A3F4_FatRX_MSG0x22_V21_Solar Power Status	Solar Power Status
AI	122	22	RPW.01_0589A3F4_FatRX_MSG0x22_V22_Temperature Set Point Vacation Mode	Temperature Set Point Vacation Mode 0...50 °C
AI	123	23	RPW.01_0589A3F4_FatRX_MSG0x22_V23_Temperature Set Point Eco Mode	Temperature Set Point Eco Mode 0...50 °C
AI	124	24	RPW.01_0589A3F4_FatRX_MSG0x22_V24_Temperature Set Point Comfort Mode	Temperature Set Point Comfort Mode 0...50 °C
AI	125	25	RPW.01_0589A3F4_FatRX_MSG0x23_V25_Position, Valve 1	Position, Valve 1 0...100 %
AI	126	26	RPW.01_0589A3F4_FatRX_MSG0x23_V26_Position, Valve 2	Position, Valve 2 0...100 %
AI	127	27	RPW.01_0589A3F4_FatRX_MSG0x23_V27_Position, Valve 3	Position, Valve 3 0...100 %
AI	128	28	RPW.01_0589A3F4_FatRX_MSG0x23_V28_Position, Valve 4	Position, Valve 4 0...100 %
AI	129	29	RPW.01_0589A3F4_FatRX_MSG0x23_V29_Temperature, Actuator 1	Temperature, Actuator 1 0...70 °C
AI	130	30	RPW.01_0589A3F4_FatRX_MSG0x23_V30_Temperature, Actuator 2	Temperature, Actuator 2 0...70 °C
AI	131	31	RPW.01_0589A3F4_FatRX_MSG0x23_V31_Temperature, Actuator 3	Temperature, Actuator 3 0...70 °C
AI	132	32	RPW.01_0589A3F4_FatRX_MSG0x23_V32_Temperature, Actuator 4	Temperature, Actuator 4 0...70 °C
AI	133	33	RPW.01_0589A3F4_FatRX_MSG0x23_V33_Status, Actuator 1	Status, Actuator 1
AI	134	34	RPW.01_0589A3F4_FatRX_MSG0x23_V34_Status, Actuator 2	Status, Actuator 2
AI	135	35	RPW.01_0589A3F4_FatRX_MSG0x23_V35_Status, Actuator 3	Status, Actuator 3
AI	136	36	RPW.01_0589A3F4_FatRX_MSG0x23_V36_Status, Actuator 4	Status, Actuator 4
AI	137	37	RPW.01_0589A3F4_FatRX_MSG0x24_V37_Temperature Set Point Range Relative	Temperature Set Point Range Relative 0...10 K
AI	138	38	RPW.01_0589A3F4_FatRX_MSG0x24_V38_Upper Temperature Set Point Limit Vacation Mode	Upper Temperature Set Point Limit Vacation Mode 0...50 °C

AI	139	39	RPW.01_0589A3F4_FatRX_MSG0x24_V39_Lower Temperature Set Point Limit Vacation Mode	Lower Temperature Set Point Limit Vacation Mode 0...50 °C
AI	140	40	RPW.01_0589A3F4_FatRX_MSG0x24_V40_Upper Temperature Set Point Limit Eco Mode	Upper Temperature Set Point Limit Eco Mode 0...50 °C
AI	141	41	RPW.01_0589A3F4_FatRX_MSG0x24_V41_Lower Temperature Set Point Limit Eco Mode	Lower Temperature Set Point Limit Eco Mode 0...50 °C
AI	142	42	RPW.01_0589A3F4_FatRX_MSG0x24_V42_Upper Temperature Set Point Limit Comfort Mode	Upper Temperature Set Point Limit Comfort Mode 0...50 °C
AI	143	43	RPW.01_0589A3F4_FatRX_MSG0x24_V43_Lower Temperature Set Point Limit Comfort Mode	Lower Temperature Set Point Limit Comfort Mode 0...50 °C
AI	144	44	RPW.01_0589A3F4_FatRX_MSG0x61_V44_PIR Status Lock	PIR Status Lock
AI	145	45	RPW.01_0589A3F4_FatRX_MSG0x61_V45_Temperature Scale Lock	Temperature Scale Lock
AI	146	46	RPW.01_0589A3F4_FatRX_MSG0x61_V46_Display Content Lock	Display Content Lock
AI	147	47	RPW.01_0589A3F4_FatRX_MSG0x61_V47_Date/Time Lock	Date/Time Lock
AI	148	48	RPW.01_0589A3F4_FatRX_MSG0x61_V48_Time Program Lock	Time Program Lock
AI	149	49	RPW.01_0589A3F4_FatRX_MSG0x61_V49_Occupancy Button Lock	Occupancy Button Lock
AI	150	50	RPW.01_0589A3F4_FatRX_MSG0x61_V50_Temperature Set Point Lock	Temperature Set Point Lock
AI	151	51	RPW.01_0589A3F4_FatRX_MSG0x61_V51_Fan Speed Lock	Fan Speed Lock
AI	152	52	RPW.01_0589A3F4_FatRX_MSG0x61_V52_Holiday Feature Lock	Holiday Feature Lock
AI	153	53	RPW.01_0589A3F4_FatRX_MSG0x61_V53_Time Bar	Time Bar
AI	154	54	RPW.01_0589A3F4_FatRX_MSG0x61_V54_Season Energy Saving Mode	Season Energy Saving Mode
AI	155	55	RPW.01_0589A3F4_FatRX_MSG0x61_V55_Mold Warning Signal	Mold Warning Signal
AI	156	56	RPW.01_0589A3F4_FatRX_MSG0x61_V56_Mold Warning Coefficient	Mold Warning Coefficient
AI	157	57	RPW.01_0589A3F4_FatRX_MSG0x61_V57_Mold Warning Limit	Mold Warning Limit
AI	158	58	RPW.01_0589A3F4_FatRX_MSG0x61_V58_Set Point Mode Config	Set Point Mode Config
AI	159	59	RPW.01_0589A3F4_FatRX_MSG0x61_V59_Display Content Toggle List	Display Content Toggle List 0...255
AI	160	60	RPW.01_0589A3F4_FatRX_MSG0x61_V60_Radio Communication Interval	Radio Communication Interval
AI	161	61	RPW.01_0589A3F4_FatRX_MSG0x61_V61_Temperature Scale	Temperature Scale
AI	162	62	RPW.01_0589A3F4_FatRX_MSG0x61_V62_Heating Coefficient	Heating Coefficient
AI	163	63	RPW.01_0589A3F4_FatRX_MSG0x61_V63_Key Lock	Key Lock
AI	164	64	RPW.01_0589A3F4_FatRX_MSG0x61_V64_Window Open Detection Stopping Time	Window Open Detection Stopping Time
AI	165	65	RPW.01_0589A3F4_FatRX_MSG0x62_V65_Time Notation	Time Notation

AI	166	66	RPW.01_0589A3F4_FatRX_MSG0x62_V66_Day	Day 1...31
AI	167	67	RPW.01_0589A3F4_FatRX_MSG0x62_V67_Month	Month 1...12
AI	168	68	RPW.01_0589A3F4_FatRX_MSG0x62_V68_Year	Year 2000...2127
AI	169	69	RPW.01_0589A3F4_FatRX_MSG0x62_V69_Minute	Minute 0...59
AI	170	70	RPW.01_0589A3F4_FatRX_MSG0x62_V70_Date/Time Update Flag	Date/Time Update Flag
AI	171	71	RPW.01_0589A3F4_FatRX_MSG0x62_V71_Hour	Hour 0...23
AI	190	90	RPW.01_0589A3F4_RX_V90_Telegram counter	Telegram counter 0...65535
AI	191	91	RPW.01_0589A3F4_RX_V91_Telegram age	Telegram age 0...65000 s
MSV	199	99	RPW.01_0589A3F4_RX_V99_CONFIG	RPW.01
AO	100100	0	RPW.01_0589A3F4_FatTX_SendMSGID	SendMSGID: TX-exposed IDs or 255; other → write rejected (other)
AO	100101	1	RPW.01_0589A3F4_FatTX_MSG0x80_V1_Room Temperature Override	Room Temperature Override 0...50 °C
AO	100102	2	RPW.01_0589A3F4_FatTX_MSG0x81_V2_Recent Temperature Set Point Override Absolute	Recent Temperature Set Point Override Absolute 0...50 °C
AO	100103	3	RPW.01_0589A3F4_FatTX_MSG0x82_V3_Recent Temperature Set Point Offset Override	Recent Temperature Set Point Offset Override -10...10 K
AO	100104	4	RPW.01_0589A3F4_FatTX_MSG0x83_V4_External Value Scale and Unit	External Value Scale and Unit
AO	100105	5	RPW.01_0589A3F4_FatTX_MSG0x83_V5_External Value	External Value 0...1023
AO	100106	6	RPW.01_0589A3F4_FatTX_MSG0x84_V6_Humidity Override	Humidity Override 0...100 %
AO	100107	7	RPW.01_0589A3F4_FatTX_MSG0x85_V7_Fan Speed Override	Fan Speed Override
AO	100108	8	RPW.01_0589A3F4_FatTX_MSG0x86_V8_Room Mode Override	Room Mode Override
AO	100109	9	RPW.01_0589A3F4_FatTX_MSG0x87_V9_Open Window Override	Open Window Override
AO	100110	10	RPW.01_0589A3F4_FatTX_MSG0x88_V10_PIR Override	PIR Override
AO	100111	11	RPW.01_0589A3F4_FatTX_MSG0x89_V11_Occupancy Override	Occupancy Override
AO	100112	12	RPW.01_0589A3F4_FatTX_MSG0x8A_V12_Set Display Advice Symbol	Set Display Advice Symbol
AO	100113	13	RPW.01_0589A3F4_FatTX_MSG0x8B_V13_Autonomous Level Override	Autonomous Level Override
AO	100114	14	RPW.01_0589A3F4_FatTX_MSG0x8C_V14_Set Display Cooling/Heating Symbol	Set Display Cooling/Heating Symbol
AO	100115	15	RPW.01_0589A3F4_FatTX_MSG0x8D_V15_Set Display Sun/Moon Symbol	Set Display Sun/Moon Symbol
AO	100116	16	RPW.01_0589A3F4_FatTX_MSG0x8E_V16_Display Content Override	Display Content Override
AO	100117	17	RPW.01_0589A3F4_FatTX_MSG0x8F_V17_Daylight Saving Time Override	Daylight Saving Time Override

AO	100118	18	RPW.01_0589A3F4_FatTX_MSG0x90_V18_Set User Defined Info Code	Set User Defined Info Code
AO	100119	19	RPW.01_0589A3F4_FatTX_MSG0x91_V19_Temperature Set Point Vacation Mode	Temperature Set Point Vacation Mode 0...50 °C
AO	100120	20	RPW.01_0589A3F4_FatTX_MSG0x92_V20_Temperature Set Point Comfort Mode	Temperature Set Point Comfort Mode 0...50 °C
AO	100121	21	RPW.01_0589A3F4_FatTX_MSG0x93_V21_Temperature Set Point Eco Mode	Temperature Set Point Eco Mode 0...50 °C
AO	100122	22	RPW.01_0589A3F4_FatTX_MSG0x94_V22_Upper Temperature Set Point Limit Vacation Mode	Upper Temperature Set Point Limit Vacation Mode 0...50 °C
AO	100123	23	RPW.01_0589A3F4_FatTX_MSG0x95_V23_Lower Temperature Set Point Limit Vacation Mode	Lower Temperature Set Point Limit Vacation Mode 0...50 °C
AO	100124	24	RPW.01_0589A3F4_FatTX_MSG0x96_V24_Upper Temperature Set Point Limit Eco Mode	Upper Temperature Set Point Limit Eco Mode 0...50 °C
AO	100125	25	RPW.01_0589A3F4_FatTX_MSG0x97_V25_Lower Temperature Set Point Limit Eco Mode	Lower Temperature Set Point Limit Eco Mode 0...50 °C
AO	100126	26	RPW.01_0589A3F4_FatTX_MSG0x98_V26_Upper Temperature Set Point Limit Comfort Mode	Upper Temperature Set Point Limit Comfort Mode 0...50 °C
AO	100127	27	RPW.01_0589A3F4_FatTX_MSG0x99_V27_Lower Temperature Set Point Limit Comfort Mode	Lower Temperature Set Point Limit Comfort Mode 0...50 °C
AO	100128	28	RPW.01_0589A3F4_FatTX_MSG0x9A_V28_Temperature Set Point Range Relative	Temperature Set Point Range Relative 0...10 K
AO	100129	29	RPW.01_0589A3F4_FatTX_MSG0x9B_V29_Energy Saving Mode Override	Energy Saving Mode Override
AO	100130	30	RPW.01_0589A3F4_FatTX_MSG0x61_V30_PIR Status Lock	PIR Status Lock
AO	100131	31	RPW.01_0589A3F4_FatTX_MSG0x61_V31_Temperature Scale Lock	Temperature Scale Lock
AO	100132	32	RPW.01_0589A3F4_FatTX_MSG0x61_V32_Display Content Lock	Display Content Lock
AO	100133	33	RPW.01_0589A3F4_FatTX_MSG0x61_V33_Date/Time Lock	Date/Time Lock
AO	100134	34	RPW.01_0589A3F4_FatTX_MSG0x61_V34_Time Program Lock	Time Program Lock
AO	100135	35	RPW.01_0589A3F4_FatTX_MSG0x61_V35_Occupancy Button Lock	Occupancy Button Lock
AO	100136	36	RPW.01_0589A3F4_FatTX_MSG0x61_V36_Temperature Set Point Lock	Temperature Set Point Lock
AO	100137	37	RPW.01_0589A3F4_FatTX_MSG0x61_V37_Fan Speed Lock	Fan Speed Lock
AO	100138	38	RPW.01_0589A3F4_FatTX_MSG0x61_V38_Holiday Feature Lock	Holiday Feature Lock
AO	100139	39	RPW.01_0589A3F4_FatTX_MSG0x61_V39_Time Bar	Time Bar
AO	100140	40	RPW.01_0589A3F4_FatTX_MSG0x61_V40_Season Energy Saving Mode	Season Energy Saving Mode
AO	100141	41	RPW.01_0589A3F4_FatTX_MSG0x61_V41_Mold Warning Signal	Mold Warning Signal
AO	100142	42	RPW.01_0589A3F4_FatTX_MSG0x61_V42_Mold Warning Coefficient	Mold Warning Coefficient
AO	100143	43	RPW.01_0589A3F4_FatTX_MSG0x61_V43_Mold Warning Limit	Mold Warning Limit

AO	100144	44	RPW.01_0589A3F4_FatTX_MSG0x61_V44_Set Point Mode Config	Set Point Mode Config
AO	100145	45	RPW.01_0589A3F4_FatTX_MSG0x61_V45_Display Content Toggle List	Display Content Toggle List 0...255
AO	100146	46	RPW.01_0589A3F4_FatTX_MSG0x61_V46_Radio Communication Interval	Radio Communication Interval
AO	100147	47	RPW.01_0589A3F4_FatTX_MSG0x61_V47_Temperature Scale	Temperature Scale
AO	100148	48	RPW.01_0589A3F4_FatTX_MSG0x61_V48_Heating Coefficient	Heating Coefficient
AO	100149	49	RPW.01_0589A3F4_FatTX_MSG0x61_V49_Key Lock	Key Lock
AO	100150	50	RPW.01_0589A3F4_FatTX_MSG0x61_V50_Window Open Detection Stopping Time	Window Open Detection Stopping Time
AO	100151	51	RPW.01_0589A3F4_FatTX_MSG0x62_V51_Time Notation	Time Notation
AO	100152	52	RPW.01_0589A3F4_FatTX_MSG0x62_V52_Day	Day 1...31
AO	100153	53	RPW.01_0589A3F4_FatTX_MSG0x62_V53_Month	Month 1...12
AO	100154	54	RPW.01_0589A3F4_FatTX_MSG0x62_V54_Year	Year 2000...2127
AO	100155	55	RPW.01_0589A3F4_FatTX_MSG0x62_V55_Minute	Minute 0...59
AO	100156	56	RPW.01_0589A3F4_FatTX_MSG0x62_V56_Date/Time Update Flag	Date/Time Update Flag
AO	100157	57	RPW.01_0589A3F4_FatTX_MSG0x62_V57_Hour	Hour 0...23
MSV	100195	95	RPW.01_0589A3F4_TX_V95_SEND	Send option for Channel1