

# ZPA INMAT 64/65

## ZPA INMAT 64/65 communication protocol

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### Supported device types and versions

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This protocol supports data reading from the dataloggers INMAT 64 and INMAT 65 produced by ZPA Nová Paka (Czech republic).

### Communication line configuration

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- Communication line category: [Serial](#), [SerialOverUDP Device Redundant](#).
- Parameters of asynchronous line: 300 Baud, 8 data bits, no parity, 2 stop bits.

**Note:**

A device sends data spontaneously (without the request for data). A delay between the transmitted data blocks is 5 seconds.

### Communication station configuration

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- Communication protocol: **ZPA INMAT 64/65**.
- The station address is not used. On one serial line, there may be placed only one INMAT 64 or 65.

### Station protocol parameters

They are not used.

### I/O tag configuration

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I/O tags: Ai

The value meaning:

Address	Cycle	Meaning	Units
0	1	Heat output	GJ/hour
1	1	1/4 hourly maximum	GJ
2	1	Heat output sum	GJ
3	1	Instantaneous mass flow rate	t/hour
4	1	Mass flow rate sum	t
5	1	Temperature	°C
6	1	Temperature difference [°C] - INMAT 64 or Operating pressure [MPa] - INMAT 65	-
7	2	Heat output	GJ/hour
8	2	1/4 hourly maximum	GJ
9	2	Heat output sum	GJ
10	2	Instantaneous mass flow rate	t/hour
11	2	Mass flow rate sum	t
12	2	Temperature	°C
13	2	Temperature difference [°C] - INMAT 64 or Operating pressure [MPa] - INMAT 65	-

### Literature

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## Changes and modifications

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## Document revisions

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- Ver. 1.0 – February 23, 2001 – Creation of document



**Related pages:**

[Communication protocols](#)