

AMiT ARION

AMiT ARION Communication Protocol

[Supported device types and versions](#)
[Communication line configuration](#)
[Communication station configuration](#)
[I/O tag configuration](#)
[Changes and modifications](#)
[Document revisions](#)

Supported device types and versions

The protocol carries out communication with the remote I/O tag modules of the AMiT company. Communication was tested with the AMiT DINAI24 module.

Communication line configuration

- Communication line category: **Serial**.

Communication station configuration

- Communication protocol "**AMiT ARION**".
- Station address: 0-255 specified as a decimal number or as a hexadecimal number with a hash at the beginning (e.g. #0A).

Communication station parameters

[Station configuration](#) - „Protocol Parameters" field.

They influence some optional protocol parameters. You can define the following communication station parameters:

Table 1

Keyword	Full name	Description	Unit	Default value
WFT	Wait First Timeout	First waiting for a response after sending the request.	ms	100 ms.
WT	Wait Timeout	The delay between individual readings the response until its completion.	ms	100 ms.
MWR	Max Wait Retry	The number of repeats of response reading until its completion.	-	5

String with protocol parameters is written according to the following rule:

```
Key_word=value;Key_word=value; ...
```

Example:

```
WT=100;MWR=20;
```

If a keyword with valid value has not been found in the initial string, the default value is used according to Table 1.

I/O tag configuration

Possible I/O tag types: **Ai**.

I/O tag addresses: 0-255 specified as a decimal number or as a hexadecimal number with a hash at the beginning (e.g. #0A).

Changes and modifications

-

Document revisions

Ver. 1.0 - October 29th, 2002 - a document created



Related pages:

[Communication protocols](#)