

Frame Panel - Network Monitor and Developer Tools

Document number: PO-249-EN Version: 1.0 Date of publication: July 10, 2025

What is the Frame Panel?

The **Frame** panel is used for monitoring and testing communication between devices on the Ampio CAN network.

It includes three tools, each with a specific purpose.

Installers should only use the **Network Monitor** tab.
Other tabs are intended for specialists only.

Network Monitor -- the main tool for installers

Purpose:

Monitors CAN network traffic in real-time.

Features:

- Displays messages exchanged between devices.
- Allows selecting specific devices to monitor.
- Filters messages by type (e.g., temperature, blinds, input/output states).
- Presents data in a clear format, e.g., with separated regulator parameters.
- Enables or disables message logging.
- Allows clearing the message list.

Should installers use it?

Yes! This is the primary tool for:

- commissioning installations,
- diagnosing configuration issues,
- verifying correct communication.

RAW -- raw CAN messages

Purpose:

Displays **raw hex data messages** (without interpretation) and allows sending them manually.

Features:

- Sniffs raw messages from a selected device.
- Sends messages in hexadecimal format.
- Displays MAC address, data, message direction (incoming/outgoing), and timestamp.

Should installers use it?

NO! Unless you are familiar with RAW communication or have been explicitly instructed by technical support.

This tool is intended only for:

- developers,
- advanced service technicians,
- installers integrating devices via RAW communication.

Warning: Incorrect usage may disrupt the module's operation or damage devices!

Developer Tools

Purpose:

Similar to the **RAW** tab, but uses a different message-sending mechanism.

Features:

- Provides the same message viewing and sending options as the **RAW** tab.
- Used for direct message sending during advanced testing and diagnostics.

Should installers use it?

No! This tool is for developers and technical departments only.

Summary -- when to use each tab?

Tab	For Whom?	When to Use?
Network Monitor	Installer	During commissioning, testing, diagnostics, and servicing.
RAW	Developer/Service	Only in special cases (raw data analysis).
Developer Tools	Developer	For advanced CAN communication testing.