

Jenet

Ethernet CAMAC crate controller

P/N: **JNT01**

Despite the age of CAMAC standard, CAMAC boards are ubiquitous in any HEP laboratory and still used for small experiments or test setups. Jenet is a new CAMAC Crate Controller, fully compliant to ANSI/IEEE 583-1982, designed to simplify and speed up the hardware and software development of DAQ systems.

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| CAMAC bus access | <ul style="list-style-type: none"> o full CAMAC bus control, including LAM detection o plugs into slots 24 and 25 |
| Local NIM I/O Section | <ul style="list-style-type: none"> o 4 outputs, 4 inputs, event counters, 2 COMBO I/O (trigger/busy) modules o programmable pulse generators o input event counters o NIM default settings can be reloaded with front panel button |
| Remote Control Library | <ul style="list-style-type: none"> o ANSI C remote control library derived from the ESONE standard, with extensions to control local resources o Remote control of all functions through TCP socket |
| Local Web Server | <ul style="list-style-type: none"> o Dynamic local web server allows advanced monitoring and control without the need to install dedicated software (perfect for crate setup and maintenance) o User page with results from script |
| Advanced Scripting Engine | <ul style="list-style-type: none"> o embedded script interpreter allows local execution of C-like code, with full control on CAMAC and NIM functions o no need to install cross-compilation toolchains |
| Front Panel Indicators | <ul style="list-style-type: none"> o X and Q signals on last access o 4 user LEDs (controllable from script) o fault, status and NIM default indicators |



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Warranty: 2 years for hardware (servicing is done in ZP premises); 3 months for firmware and software.