

ARAMON



1 FEATURES

- 19" LCD display with touchscreen
- ar3cmonitor visualization application (for AR-3c-compatible dataloggers)
- Lintouch HMI runtime
- Lintouch HMI server
- built-in AR-2c Logger Protocol to ar3cmonitor protocol bridge (for AR-2c-compatible dataloggers)

2 TECHNICAL SPECIFICATIONS

Display	NEC 195VXM Open Frame
Screen Size	48.3 cm (19")
Display Resolution	1280×1024 pixels
Input voltage	230 V AC
Power consumption	up to 60 W
Operating temperature	5°C to 35°C
Storage temperature	−20°C to 60°C
Dimensions [mm]	470×420×115
Mainboard	Intel DN2800MT
CPU	Intel Atom N2800
RAM Memory	1 GiB
Storage	Compact Flash 4 GB
Input devices	Touchscreen

3 INTERFACES

- Gigabit Ethernet IEEE 802.3ab 1000BASE-T
- RS-232

4 DATA SOURCES

Supported protocols:

- Modbus/TCP — for Lintouch HMI
- ar3cmonitor — native connection to AR-3c/AR-4c datalogger visualization system
- AR-2c Logger Protocol — via ar3cctrl for AR-2c/AR-2c+ dataloggers

4.1 AR-3C/AR-4C DATALOGGER

The ARAMON panel can be connected to the AR-3c/AR-4c dataloggers by TCP/IP network using ar3cmonitor protocol and optionally Modbus/TCP for Lintouch. See Fig. 1 for typical data flow diagram.

4.2 AR-2C DATALOGGER

The ARAMON panel can be connected to the AR-2c dataloggers using AR-2c Logger Protocol. See Fig. 2 for typical data flow diagram. Additional slave ARAMON panels can be connected to single master panel sharing the same configuration. Also Logger clients can be connected to ARAMON panel and share single connection to AR-2c datalogger.

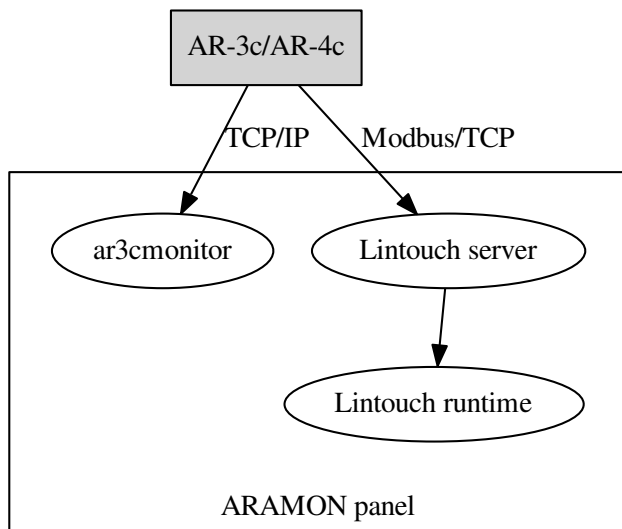


Figure 1: Connection to AR-3c-compatible data-logger

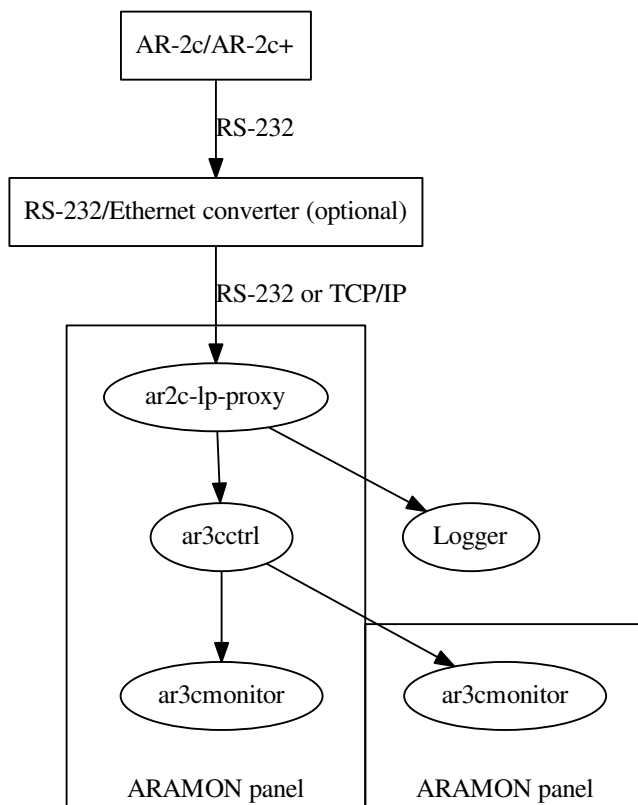


Figure 2: Connection to AR-2c-compatible data-logger

5 SOFTWARE

5.1 VISUALIZATION CLIENTS

The ARAMON panel have preinstalled following visualization systems clients:

- ar3cmonitor
- Lintouch HMI runtime

5.2 SERVERS

- ar3ctrl — server for ar3cmonitor protocol, supports AR-2c Logger Protocol
- Lintouch HMI server — server for Lintouch protocol, supports Modbus/TCP protocol
- ar2c-lp-proxy — proxy server for AR-2c Logger Protocol

6 ORDERING GUIDE

Code	Description
ARAMON-N2800	basic version

Accessories:

Code	Description
RS-232/485A	RS-232/RS-485 converter, terminator + bias
RS-232/485B	RS-232/RS-485 converter, terminator
RS-232/485C	RS-232/RS-485 converter, no terminator
RS-232/422	RS-232/RS-422 converter
RS232/Ethernet	RS-232/Ethernet converter