

### Features

- ◆ Network Interface for CEA-709 and CEA-852 (IP-852) network channels
- ◆ Available for USB, PCI bus, and Ethernet port
- ◆ Create up to 8 network nodes with a single network interface (MNI devices)
- ◆ Use the LPA, LSD Tool, your ORION applications, MIP applications, and LNS® (VNI) applications on a single network interface at the same time
- ◆ Compatible with BMS e.g. Honeywell EBI, TAC VISTA, etc.
- ◆ Compatible with LNS® applications in high performance VNI™ mode e.g. NL220, NLFacilities, NLOPC-VNI, ALEX, NetWorker, LonMaker® etc.
- ◆ Compatible with MIP applications (LDV interface) e.g. NodeUtil32, NLUtil, NLOPC-MIP, Honeywell CARE 5/7, etc.
- ◆ Compatible with high performance ORION applications (ORION API)
- ◆ NIC852/NIC852-SW is fully compatible with L-IP and i.LON® 600 Internet routers
- ◆ Use legacy MIP applications together with the IP-852 (Ethernet) channel
- ◆ Software selectable transceivers on NIC709-USB100 and NIC709-PCI100: FT-10/LP-10, RS-485, and TP/XF-1250/2500
- ◆ Runs on Windows 2000/XP®/2003/Vista (NIC709-USB100, NIC709-PCI100, NIC709-IP1E100, NIC709-IP3E100, NIC-852, NIC852-SW)
- ◆ Runs on Linux 2.6 (NIC709-PCI100).

### Description

LOYTEC NICs show superior performance and are the most universal network interfaces for CEA-709 and CEA-852 (Ethernet) channels. Based on the revolutionary ORION and L-Chip technologies they offer high packet update rates and low response times.

All NICs are fully compatible with products like NL220, ALEX, LNS® 3.x and LNS® TE applications, LonMaker®, NodeUtil32, NLUtil, OPC servers, and with high performance ORION applications. The multiplexed network interfaces (MNI) support allows, for the first time ever, to start multiple MIP applications in parallel to an LPA, LSD Tool, NL220, or LonMaker® on a single network interface.

The NIC709-IP1E100 and the NIC709-IP3E100 act as a high performance remote network interface over the Intranet or the Internet. Secure communication between the



NIC709-IP1E100 or the NIC709-IP3E100 and the PC is supported by using MD5 authentication. Remote protocol analysis is supported by using the LPA-IP-SW software.

The NIC852 / NIC852-SW supports MIP/LDV applications to access the IP-852 (Ethernet) channel without changing the application program.

For software developers the complete programming documentation and example code are included with every NIC.

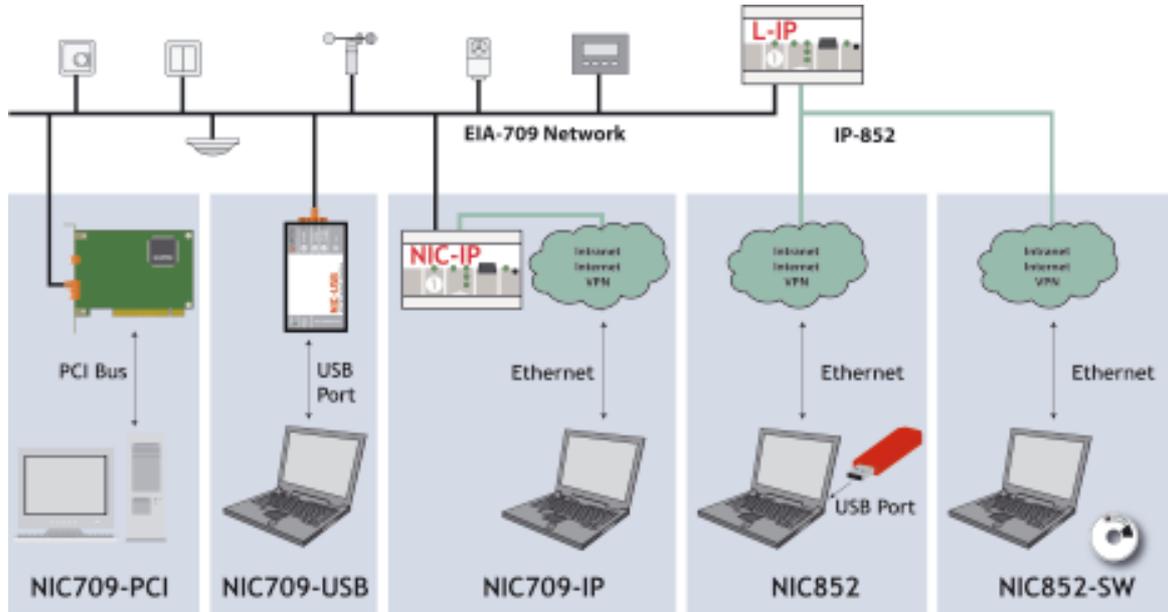
### Order Information

Order Number	Configuration
NIC709-USB100	USB port: FT, RS-485, TP-1250
NIC709-PCI100	PCI bus: FT, RS-485, TP-1250
NIC709-IP3E100	Ethernet port: FT
NIC709-IP1E100	Ethernet port: TP-1250
NIC852	Ethernet port: IP-852 (includes USB Key)
NIC852-SW	Ethernet port: IP-852 (Software license)

**NIC Product Overview**

The family of LOYTEC NICs offers a variety of different ways to connect a PC to an CEA-709 or CEA-852 channel. Please choose from the rich portfolio of USB, PCI, and Ethernet connections.

All NICs support ORION applications in parallel with legacy products e.g. NL220, LonMaker, ALEX, MIP applications, and the LPA as well as the LSD Tool. Create up to 8 network nodes on a single network interface and enjoy the highest possible packet throughput.



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