

NCC-2 series

The Next Generation Network Communication Controller

- Provides acquirers & banks with an agnostic solution to route all types of transactions
- Opens all terminals to a broad range of remote services and traffic monitoring
- Offers the most reliable platform through a full redundant architecture



connectivity



connectivity



ethernet



connectivity



rack

The Ingenico NCC-2 series was designed meet the needs of financial institutions and answer the most demanding environments of the electronic payment transactions routing business. Together with NCC/Viewer, its monitoring system, NCC-2 brings a scalable and powerful solution to your fleet and increases the efficiency of your network.

An industry-standard, scalable solution

NCC-2 series is available in 2 versions, both based on the 19" industry standard - 8 slots or 14 slots ; with one chassis to manage thousands of transactions coming from up to 60,000 terminals with 12 E1/T1 blades.

Maximized network availability

NCC-2 series was designed with a clear focus on reliability. With its full redundant architecture with one processor per board, 2 power supplies and 2 management blades, it provides a high level of reliability compared to solutions such as PC-based solution.

High performance

Thanks to the NCC-2 series multiprocessor solution, each board operates fully independently for faster and safer operations. NCC-2 series is designed to route financial transactions and support specificities such as ISO8583, ASYNC7/ASYNC8, TPDU, up to V.34 (33600bps) and FastConnect/FastPOS modulations.

Access to a broad range of remote services

NCC-2 series offer all terminals, including modem-based terminals, an efficient access to remote tools such as The Estate Manager or NCC/Viewer. NCC/Viewer is a powerful network monitoring system ; it provides acquirers and banks with a remote solution to monitor traffic and network quality.

Management Blade

The Management Blade handles TCP/IP connections to the host and the dialog with NCC/Viewer and The Estate Manager. It manages the interconnection with other NCC using a Virtual Private Network.

PSTN Blade

The PSTN board embeds two analog PSTN Modems which offer NCC-2 series the ability to handle 2 PSTN connections simultaneously.

TCP/IP Blade

The TCP/IP blade allows NCC-2 series to connect to a TCP/IP network and allows concentration of TCP/IP (Ethernet, GPRS, 3G) terminals traffics. Each 100 BaseT (i.e. 100Mb/sec) Ethernet board can handle up to 250 simultaneous connections.

E1/T1 Blade

E1/T1 Blade manages full ISDN PRI E1/T1 or MFC/R2 lines. One blade can handle up to 30 simultaneous PSTN calls, and a full E1/T1 populated NCC-2 series up to 240 simultaneous PSTN calls.

Security

NCC-2 series and its latest generation of hardware have been designed with the latest standard of communication to help customers reach the PCI DSS guidelines (Support of encryption, encrypted VPN, TLS1.2, SSH...).



NCC-2 series		NCC-2 (14 slots)	NCC-2 (8 slots)
Slots	Communication blade	12	6
	Management blade slots	2	2
Backplane connectors	RJ11	●	●
	RJ45	●	●
	DB25	●	●
Blade connectors	USB-B	●	●
	RJ11	●	●
Power supply	Rear slots	2	2
	Type	110-270V 50-60Hz - 150W	110-270V 50-60Hz - 150W
Rack size	L x W x H	483 x 176 x 313 mm	483 x 176 x 313 mm
Weight	Fully populated	8,3kg	7,9kg
Supported blade	PSTN	●	●
	E1/T1	●	●
	TCP/IP	●	●
	Management blade	●	●
	Compatibility with NCC-1 blades (CPU004, PSTN, E1/T1, TCP/IP)	●	●
Network Monitoring NCC/Viewer Sytem		Option	Option
Environment	Operating temperature	0°C to +40°C	0°C to +40°C
	Storage temperature	-20°C to +55°C	-20°C to +55°C
	Relative humidity non-condensing	5% to 95%	5% to 95%
Certifications	Safety	CE	CE



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