

Nurse Station Server 3 (NSS3) FE3-NJACAE

Features

- The NSS3 is an application on the Ascom ELISE3
- Interfaced with the teleCARE M LON via the Second Generation LON Piggy Back 2 (LPB2)
- Embedded Web server based on Linux Operating System
- Powerful call organiser tool
- Assignment of call points to receivers
- Logs teleCARE M data and allows the data to be accessed
- Graphical user interface using a web browser
- Customisable layout of the user interface pages
- Supports multiple languages
- Compatible with all versions of SGC and ISC



Description

The teleCARE M Nurse Station Server 3 (NSS3) can be wall mounted (horizontally or vertically) or 19 inch rack mounted using special brackets. It consists of the Ascom ELISE3 module with the addition of the second generation teleCARE LPB2 piggy back board, which is used to interface the ELISE3 module with the teleCARE M LON.

The NSS3 is an ELISE3 application. The ELISE3 module serves as the interface to a 100base T Ethernet LAN and it contains a Linux based web server which runs in flash memory.

The NSS3 retrieves call information logged by the Internetworking System Controller (ISC) or the System Gateway Controller (SGC) and publishes this information on the internal NSS3 website.

Application

The NSS3 is used as a management tool in teleCARE M systems that include SGC's or ISC's. It retrieves call and system information from the ISC or SGC. The website can be accessed via an Ethernet LAN and viewed using a W3C compliant web browser.

A graphical user interface is supplied with the NSS3, and this can be customised to fulfil the requirements of the user. The parameter setup of the NSS3 is done using the web browser.

The NSS3 menu offers the user a variety of functions including assignments, logged data, ward administration, call level administration, duty administration, user administration, setup, view calls, security and log out.

The NSS3 must have a valid licence number and this number is preprogrammed before delivery. It can be started without a licence but it will only function for two hours in the unlicensed mode. The number of users that are authorized to use the NSS is licenced to 1, 10, 50 or 200.

Technical specifications are listed on the following page

Technical Specifications

Physical

Dimensions:	220 x 199 x 44 mm (W x D x H)
Weight:	1520g
Material:	Body: Sheet steel / Front cover: PC/ABS
Colour:	Body: grey / Front cover: white

Functional

Supply voltage:	100 to 240V/AC \pm 10%, 50/60Hz or 12V/DC to 24V/DC (-25% / +20%)
Current consumption:	max. 275 mA at 100 to 240V/AC max. 1A at 12V/DC
Memory:	256 MB SDRAM 1GB NAND flash (for software applications) 8MB Serial data flash (for booting purposes) 1GB SD card slot (currently not software supported)

Inputs / Outputs (I/O)

Serial ports:	2 x RS232 D-sub-9 male connectors for external interfaces 2 x modular jacks (RJ45) for System 900 A-bus 1 x screw terminal for System 900 A-bus 1 x screw terminal for LON bus
LAN:	2 x 10baseT or 100baseT Ethernet (RJ45)
USB ports:	2 x USB Host port 2.0 full speed 1 x Mini-USB_B Device port 2.0 full speed
Error relay output:	Configurable solid state relay Max. contacts current: 100 mA, 30 V DC max.
Auxiliary outputs:	2 x galvanically isolated, open collector 100 mA max., 30 V DC max.
Auxiliary inputs:	2 x digital inputs, 30V/DC max.
DC Power Input	1 x DC power input screw terminal for 12-24 V DC external power supply, or 12 V DC lead battery max. 10 Ah

Environment:

Operating temperature: 0 to +40°C.
Storage temperature: -25°C to +55°C
Relative humidity: 30 - 85% (non condensing).
RoHS compliant - Pb Free
Enclosure protection rating: IP30

Specifications are subject to change without notice

Accessories

Standard 19 inch rack kit:	660324 - Short left/right brackets for two front mounted Elise3 and one long bracket for one front mounted Elise3
Reverse 19 inch rack kit:	660325 - Short bracket for two reverse mounted Elise3 and one long bracket for one reverse mounted Elise3

Compliance with Regulations and Standards

Europe:

EU Directives:	2004/108/EC (EMC) 2006/95/EC (LVD) Eco Design 2005/32/EC RoHS compliant
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Product Marking:



EMC:

EN 55022:2007 (Class B)
EN 55024:2003
EN 60945:2002¹
EN 50121-3-2:2006
EN 60533:1999²
EN 60601-1-2:2004

Safety:

EN 60950-1:2006

USA and Canada:

Product Marking:



EMC/Radio:

FCC 47CFR Part 15, Subpart B

Safety:

CSA/UL 60950-1

Australia:

Product Marking:



EMC:

EN 55022 and EN 55024

Safety:

FCC 47CFR Part 15, Subpart B

¹ = 12 - 24 V DC input should be used to meet the regulatory needs.

² = 12 - 24 V DC input should be used on deck, bridge and in special power distribution zones (100 - 240 V AC input can be used in general power distribution zones) to meet the regulatory needs.