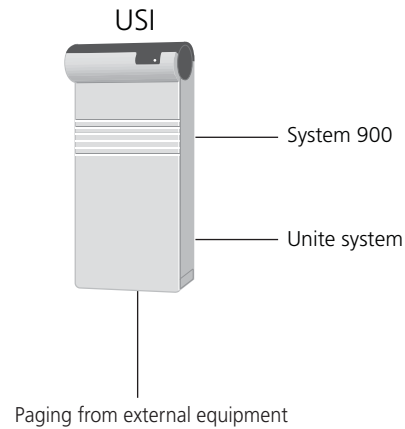


## USI – Unite Serial Interface

### Features

- Easy configuration via web browser
- Supports ESPA 4.4.4 protocol
- Supports two ESPA dialects; Ascom version and Ericsson version
- Supports a simplified protocol; the Ascom Line protocol
- Supports TAP 1.8 protocol
- Connection possible with other Unite modules and System 900 modules
- Can act as bus controller in System 900
- Clock synchronisation via NTP



## Technical Specifications

### Hardware Requirement

ELISE2/ 64 MB RAM/ 256 MB FLASH For technical specifications refer to Data Sheet for ELISE2 Hardware TD 92524GB

### PC Requirements

Installation and administration: Microsoft Internet Explorer 6.0™ or later

### Language

Configuration: English only

### Supported Protocols<sup>1</sup>

ESPA 4.4.4 protocol: A message-based serial protocol intended for communication with external equipment. Built upon the ISO1745 transport specification.

ESPA dialects:  
(extensions of standard ESPA protocol) Ascom version  
Ericsson version

Ascom Line protocol: A simple alternative to ESPA 4.4.4 with all basic features of paging call available, but with a very limited status report.

TAP 1.8 protocol: Telocator Alphanumeric Protocol:  
An industry standard protocol for the input of paging request.

1. The listed protocols are supported with some limitations, refer to appendix in the Installation and Operation Manual USI – Unite Serial Interface, TD 92563GB

### **Messaging**

Messaging Capacity: Up to 12 000 messages / hour (4 000 on each serial port)  
Supported special characters: Swedish, Norwegian, Danish, Finnish and German language

### **Variants**

USI-M1: USI including ELISE2 and USI-L1  
USI-L1: Licence for USI

### **Connections, I/O Ports** (*Applies to the ELISE2 hardware with USI software*)

2 serial ports: RS232 (Modular jacks, RJ45),  
used for communication with external systems  
1 serial port: RS232 (RJ45) / RS422 (Screw terminal),  
used for communication with external systems  
1 serial port: RS485 (Screw terminals or Modular jacks, RJ45),  
used for System 900 A-bus  
LAN: 10baseT or 100baseT Ethernet (Modular jack, RJ45)  
Error relay output: Configurable – make/break operation,  
used for error indications

### **Time Synchronisation**

Time sources: Central Unit in System 900  
NTP server (NTPv4 compatible with NTPv2 and NTPv3)  
Local setting

### **System 900**

Max. No. of A-bus modules<sup>1</sup>: 15

1. USI used as bus controller in System 900, i.e. not connected to a Central Unit