

VARIODYN D1 System Communication Unit SCU

- ✓ **Digital audio memory for VARIODYN D1**
- ✓ **Networkable via Ethernet**
- ✓ **Logging and editing of announcements**
- ✓ **Automatic temporary storage and playback of interrupted messages**
- ✓ **Emergency power supply via 24 V DC**
- ✓ **Standardized audio recording of alarm and evacuation texts**
- ✓ **EN 54-16 requested**
- ✓ **VdS requested**



Application

The System Communication Unit SCU serves as digital audio memory for the VARIODYN D1 voice alarm and public address system.

It is possible to record and play back multiple audio data streams simultaneously.

Connections to other VARIODYN D1 modules operate via Ethernet are constantly monitored.

The audio memory for alarms and evacuation messages, whose availability is critical, is held in non-volatile flash memory, in accordance with IEC EN 60849.

Memory capacity is approx. two hours.

Other pre-recorded audio files such as announcements, signals and advertisements are saved onto a hard drive. The memory capacity is approx. 1,000 hours.

The SCU can also be used to log and record announcements. These are also saved on the hard drive and are backed up on the hard drive with date, time and activation details.

The automatic intermediate storage makes it possible for a message that was blocked from reaching all its destinations to be played when those destinations become free.

For EN 54-16 compliant voice alarm systems, all security relevant announcements must be stored in the DOM and not in the SCU

Connections

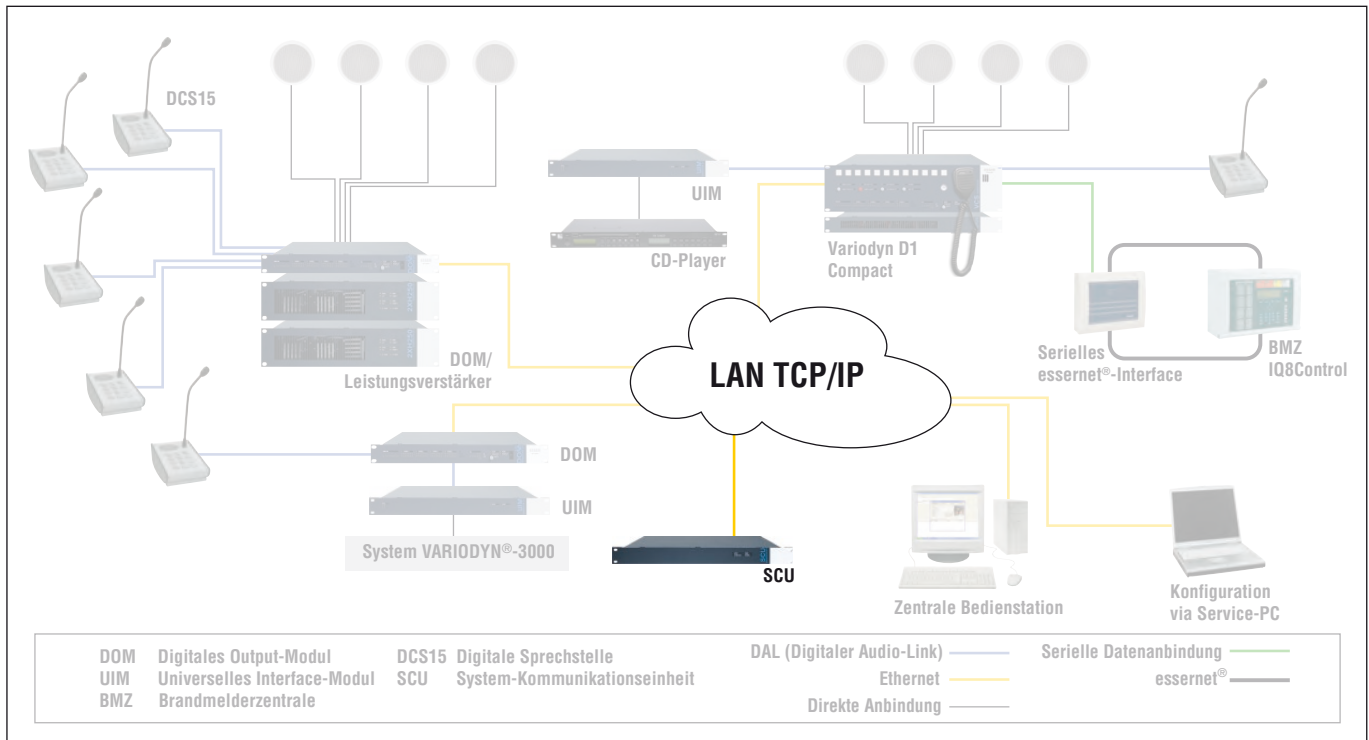
- Ethernet connection 1,000 Mbit/s
- 230 V AC mains supply
- 24 V DC emergency power supply input

LED Indicators

- POWER
- ERROR
- HARD DISK
- STAND-ALONE



Connections



System Overview

Technical data

Flash memory	approx. two hours
Hard disk	approx. 1,000 hours
Nominal voltage	90 V AC ... 265 V AC
Nominal frequency	47 Hz to 63 Hz
Current rating	typ. 0,2 A @ 230 V AC
Ambient temperature	-5 °C ... +45 °C
Relative humidity	15 % ... 90 %
Housing color	gray, similar to RAL 7016
Weight	3 kg
Dimensions (W x H x D)	483 x 44 x 360 mm / 1 HU, 19"

Emergency power supply

Nominal voltage	24 V DC
Power consumption (24 V average value)	0,9 A @ 230 V DC

Order information

Part No.

System Communication Unit (SCU)	583381.31
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Additional ordering information can be found in the "Voice Alarm Systems" product group catalog.