

Voice Alarm

System Communication Unit (SCU)



The Honeywell System Communication Unit (SCU) serves as a digital audio memory source for the Honeywell Voice Alarm and Public Address system. The SCU can simultaneously record and play back multiple audio data streams.

Honeywell System Communication Unit (SCU)

Connection to other Honeywell Digital Output Module (DOM) Modules via Ethernet is continuously monitored. The SCU has two audio memory options, the first for alarms and evacuation announcements on non-volatile flash-memory with a capacity of approximately 2 hours.

The second is a hard drive for other audio files such as announcements signals, music or advertisements with a capacity of approximately 1000 hours.

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

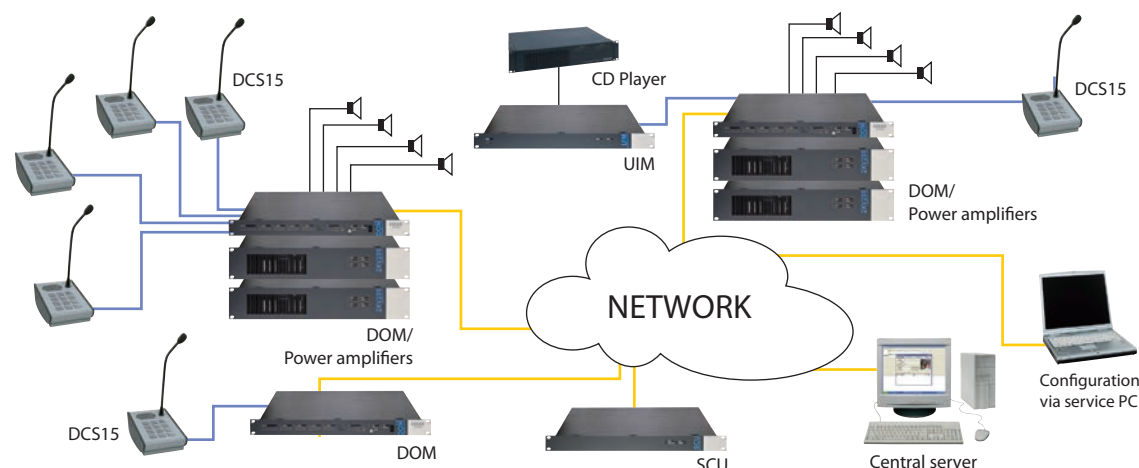
Automatic temporary storage allows announcements to be played which are momentarily interrupted ensuring all areas receive the announcement.

Key Features:

- Digital audio memory for Honeywell voice alarm and public address system
- Connection to Honeywell VA system via ethernet
- Can be used to log and record announcements
- Automatic temporary storage and playback of interrupted messages
- Emergency power supply via 24 V DC

Connections

- Ethernet connection 100 Mbit/s
- Mains supply
- 24 V DC emergency power supply input



DOM	Digital Output Module	DCS15	Paging Microphone
UIM	Universal Interface Module	SCU	System Communication Unit
FACP			

DAL (Digital Audio Link)	Serial Connection
Ethernet	
Direct Connection	

Voice Alarms

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Technical Specifications

SPECIFICATION	
DIMENSIONS	
Height	44 mm
Width	483 mm
Depth	360 mm / 1 HE, 19"
Weight	3 kg
Housing colour	Grey, similar to RAL 7016
TECHNICAL DATA	
Flash memory	Approx. 2 hours
Hard disk	Approx. 1000 hours
Nominal voltage	90 V AC to 265 V AC
Nominal frequency	47 Hz to 63 Hz
Current rating	typ. 0.5 A @ 230 V AC
EMERGENCY POWER SUPPLY	
Nominal voltage	24 V DC
Power consumption	32 W
ENVIRONMENTAL SPECIFICATIONS	
Ambient temperature	-5°C to +55°C
Humidity	15% to 90% relative humidity (non-condensing)

DESCRIPTION	ORDER CODES
System Communication Unit SCU	583381.22

Honeywell Life Safety Systems

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