NETWORK 8
MASTER HANDSET

Emergency Voice Communication System

> EVCS Network 8 is a system for larger installations. Its distributed loop architecture provides a competitive system for systems from 8 to 256 communication points as well as multiple control locations.

Designed to comply with BS5839 Part 9 2011 the Network 8 EVCS, is designed to assist fire fighters within high rise buildings or large sites where radio communication may not be possible. Where both a fire telephone and disabled refuge system are fitted to a building BS5839 Part 9 specifies these should form a single system.

TYPICAL NETWORK 8 EMERGENCY VOICE COMMUNICATION SYSTEM

The Master Handset operates as a system exchange from which calls from individual outstations may be answered or dialled direct using its reference number or selected from a calling directory stored in the unit.

EVCS MASTER HANDSET

Control of EVCS is simplicity itself, the master handset has a clear, four line backlit display which shows the calling outstation name in plain text. Calls can be made to outstations by either dialling the number of the unit, or choosing the name from a text dialling directory, with conference calling possible.

FEATURES AND BENEFITS

- Multiple handsets with up to 8 distributed throughout the system
- Up to 160 outstations via 20 Network Exchange units with V4.21 software

- Up to 256 outstations via 32 Network Exchange units with V5.0 software
- 4 line x 20 character backlit display

- Outstation text information held in handset directory
- May be used as combined or separate Disabled Refuge and Fire Telephone System

- Global configuration from Master Handset
- All Call feature allows easy testing and commissioning

- Remotely powered from network exchange unit
- Connects to Disabled Refuge, Fire Telephone and Emergency Assist Alarm devices

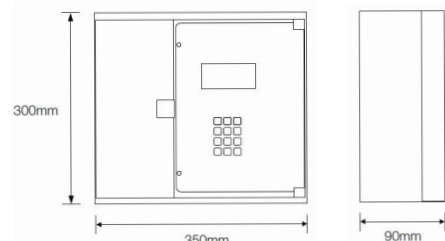**Honeywell**

Network 8 Technical Specification

INDICATION AND CONTROLS	
Fault LEDs	4 off yellow (General, Panel, Supply & Exchange)
Status LEDs	4 off green (Healthy, AC, DC & Network)
LCD High Contrast	Blue/White LCD, 4 line twenty-character 5x8 pixel format
Keyboard	12 Key Telephone Style
Navigation	3 Keys (Left, Accept, Right)
Material	Zintec, Texture Powder Coated, RAL 7032

NETWORK CABLES	
Type	Fire rated (some installations require enhanced cabling)
Cores	1 off four Pair or 2 off four core 1mm CSA Soft Skin or 4 off 1 Pair MICC Twisted
Distance	500M soft skin, 300M MICC
Monitoring	Data and Phantom Voltage

PROCESSING	
Clock	16MHz
Memory	4K Ram 20K EEProm 128K Flash
Monitoring	Asynchronous Watchdog
Checksum	EEPROM & Flash

PART NUMBERS	
DESCRIPTION	ORDER CODE
Master Handset (Wall)	EVCS-MSWM
8 Way Exchange Unit/Charger, including 1 x 5Ah 12V battery	EVCS-XC
Flush Outstation Push Door, Type A	EVCS-HFP
Surface Station Push Door, Type A	EVCS-HSP
Surface Outstation Type B, Red	EVCS-HSB
Surface Outstation Type B, Green	EVCS-HSBG
Flush Mounting Bezel Type B, Stainless Steel	EVCS-HSFSS
Loose Handset With Jack Lead	EVCS-HLJ
Wall Jack Outlet Point	EVCS-WJP
Emergency Assist Alarm Network Version- PSU not included	EVCS-TA

DIMENSIONS	
Height	300 mm
Width	350mm
Depth	90 mm
Weight	6.5 kg

POWER SUPPLY	
Source	Network Port x 2
Voltage	11V to 18V DC
Current	88mA @ 12V

STANDARDS	
EMC	EN 55103-1 & EN 55103-2
Product Family	BS 5839-9 & BS 9999

SCHEMATIC

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