

# 8700 ISDN Communicator

**COOPER** Menvier

Part of Cooper Menvier, **SCANTRONIC** is a world leader in the development, manufacture and supply of intruder alarm technology.

The **SCANTRONIC** 8700 ISDN TA (Terminal Adapter) is an 8 channel (with inputs) communicator designed for use on a standard ISDN 2e digital telephone line which has BT RedCARE ISDN service applied to the 'D' channel.

There are two versions of the 8700 available, one using the standard **SCANTRONIC** plug-on footprint and one which has 8 wire-in trigger inputs.

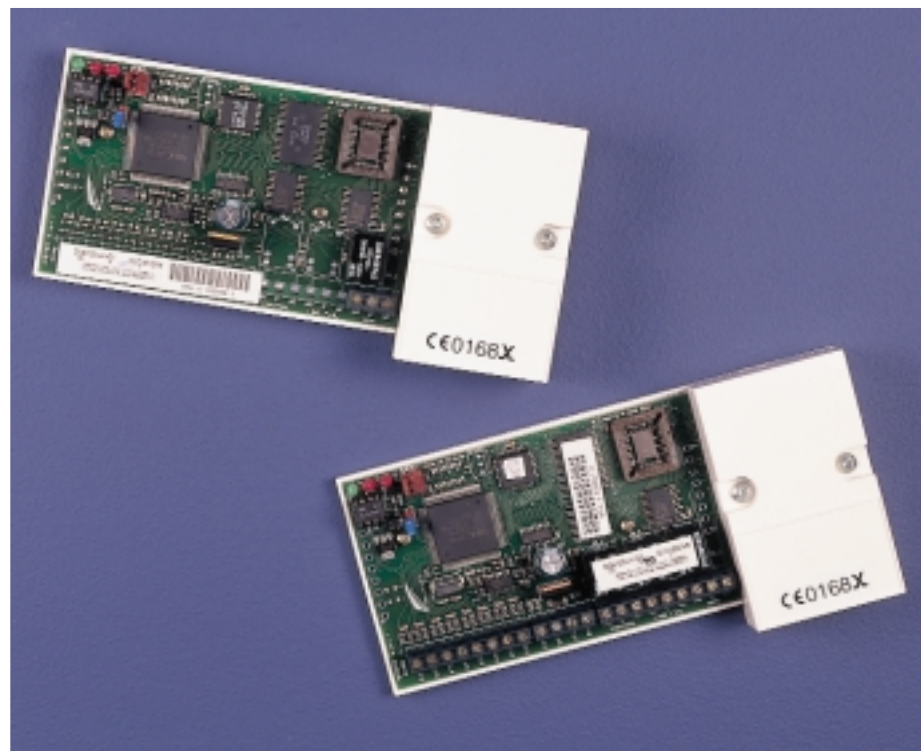
With the increasing conversion of business phone lines to ISDN any installed alarm system which was using a standard PSTN RedCARE STU can easily be converted to ISDN use by replacing the existing STU with an 8700 ISDN TA.

The range of wire-in and plug-on ISDN TAs can be used to send alarms, PAs and open and close signals to a remote monitoring centre which subscribes to the RedCARE DSP (Digital Service Platform).

The 8700 uses a standard NVM chip to program the trigger polarity inputs, open/close channels or communications successful outputs via the 7200/7300 NVM programmer.

**RedCARE**

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Leading the way in security



# 8700 ISDN Communicator

## Technical Specification

	8700-00	8700-01
<b>UNIT TYPE</b>	Plug-on unit designed for use with any Control Panel with communications outputs that uses the standard Scantronic plug-on footprint.	Wire-in unit designed to be used with any Control Panel with communications outputs.
<b>NUMBER OF INPUTS</b>	8 channels connected via standard plug-on pins.	8 channels connected by standard screw terminals tagged ST1 to ST8.
<b>LINE MONITORS</b>	Cut wire, loss of ISDN line voltage or loss of 2 AIMS polls from the DSP.	Cut wire, loss of ISDN line voltage or loss of 2 AIMS polls from the DSP.
<b>PROGRAMMABLE OUTPUTS</b>	SPCO relay clean contacts rated at 24 volt @ 2 Amps one each for RPS (Return Path Signalling).	SPCO relay clean contacts rated at 24 volt @ 2 Amps one each for RPS (Return Path Signalling), CTRL (Control = Remote reset) and Line Fail.
<b>NON-VOLATILE MEMORY</b>	Uses reprogrammable NVM chip.	Uses reprogrammable NVM chip.
<b>CONNECTIONS</b>	Screw terminals for RPS relay output all other connections Plug-on.	Screw terminals for 8 inputs channels, power and the 3 output relays.
<b>NETWORK USAGE</b>	For use on BT ISDN 2e Lines which have BT RedCARE ISDN applied to the "D" channel.	For use on BT ISDN 2e Lines which have BT RedCARE ISDN applied to the "D" channel.
<b>LOW BATTERY DETECTION</b>	Yes.	Yes.
<b>QUIESCENT CURRENT</b>	200mA.	200mA.
<b>WEIGHT</b>	190 grams.	190 grams.
<b>DIMENSIONS (H,W,D)</b>	80x170x25mm.	80x170x25mm.
<b>TEMPERATURE</b>	-10°C to +55°C	-10°C to +55°C
<b>APPROVALS</b>	ETSI-CTR 3.	ETSI-CTR 3.
<b>COMPATIBLE EQUIPMENT</b>	9800+ Control Panel. 808 Control Panel. 816 Control Panel. 8136-50 Control Panel. 8136-75 Control Panel.	9800+ Control Panel. 8136-50 Control Panel. 808 Control Panel. 9750 Control Panel. 816 Control Panel. 9850 Control Panel. 8136-75 Control Panel. Any manufacturers Control Panel.



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Scantronic was established in 1978 and is part of Cooper Menvier. All our products are tried and tested to meet the stringent quality standards within the security industry prior to leaving our manufacturing premises. We aim to ensure you receive the best and most reliable products to secure you and your premises.



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