Octalarm-IP alarm dialer features

			A line	B line
Connections				
PSTN (analogue) and GSM models			yes	yes
Digital inputs for alarms, can be switched on/off (also for external reset)			4, 8, 12	2, 4
Alarm inputs via Sensor bus (is not interchangeable with Sensor net)			yes	no
Pre-selector circuit for calling out when the line is engaged (via incoming and outgoing connector)			yes	yes
Built-in over-voltage protection in telephone circuit			yes	yes
Simple to connect (spring clips)			yes	yes
Outputs (function can be set)	Open collector		2	2
	Relay		0, 2, 2	0
		Local alarm	yes	yes
		Remote switching	yes	no
		Adesys DSL splitter control	yes	yes
Settings/programming				
Can be set/read remotely via the internet using an access code			yes	yes
Multiple call numbers/operators with adjustable dialer per input			40	10
Menu driven adjustment using the keyboard and display			yes	yes
Menu driven adjustment using the ethernet port (UTP) with web browser			yes	yes
Adjustable alarm delay per input			yes	yes
Free helpdesk support			yes	yes
Alarm reporting				
Extra GSM module possible for double security			yes	no
Possibility of system testing from Adesys Control Centre			yes	yes
Report delay possible with forwarding by telephone			yes	yes
Reporting to telephone using fixed voice message			yes	yes
Reporting to telephone using self-recorded message			yes	no
Voice response system when calling in for alarm acceptance among other things			yes	yes
Reporting to (alpha) numerical pager or service group			yes	yes
Reporting to mobile phone using SMS message			yes	yes
Reset option while reporting or by calling back			yes	yes
Reset reports			yes	no
Day, night, weekend program for alternative report numbers			yes	no
Local telephone line testing with detection			yes	yes
Alarm report in the event of a power failure or if the battery has to be replaced			yes	yes
Built-in alarm bell			yes	yes
Can be combined with Adesys' ARA reporting panel			yes	yes
General system features				
Emergency power supply by internal NiMH battery with battery testing and trickle charger (battery replaceable by user)			yes	yes
Internet connection possible			yes	yes
Adjustment in accordance with customer specifications possible			yes	yes
Comprehensive data logger for the most recent actions (with date and time)			yes	yes
Wall mounting				
Dimensions (WxHxD = 233x174x55mm)				
Supply voltage 205-245 Vac 50Hz				
Capacity taken up approx.10 watt (depending on type)				
Degree of protection IP33 (not splash proof)				
Weight: Approx. 1100 gram (depending on type and configuration)				

comm-co

Octalarm-IP

Alarm dialers with internet connection

25 year's experience in the field of technical alarm reporting has led to a new generation of alarm dialers. The Octalarm-IP uses the latest technologies in the field of telecommunications which provides greater security for alarms. Line testing and the application of multiple communication networks ensure that there is a totally reliable system for monitoring processes and installations.

- **Makes telephone alarms via internet telephony reliable**
- **Alarm reports via the telephone line, Voice Over IP and GSM**
- **Remote line testing and changing settings via internet**
- **Reports using spoken text, SMS or pager**
- **Multiple telephone channels for example using fixed telephone line + GSM**
- **E-mail reports concerning alarm processing**

The telephone network is changing

In addition to telephone lines (PSTN) and ISDN, the internet, in the form of Voice Over IP (VOIP) and GSM, is being used for forwarding alarm reports concerning failures in processes and technical installations. ***The availability of these modern forms however, is not at the same level as that of traditional telephone lines.*** PSTN is still at the top with 99.9% availability and ISDN scores the same. The relatively high downtime of internet and GSM connection providers and the risk of hanging internet/VOIP modems for example, ensure that an ***extra safety net*** has to be ***built in*** in order to realise a watertight telephone alarm report system.
The traditional fixed telephone lines will become redundant and be replaced by internet telephony within the foreseeable future. This requires extra measures in order to guarantee a safe form of telephone alarm reporting.

Safety

One telephone connection often isn't enough to guarantee the reliability of telephone alarm report systems. Should there be no telephone line or VOIP connection available then GSM or the internet can ensure that no events go unnoticed.

Internet makes it possible ***to monitor the alarm system 24 hours a day***. The Adesys Control Centre (ACC) offers the Octalarm-IP this possibility in the form of line testing. Leading insurance companies recommend this form of system testing. In addition to this the ACC registers the alarm processing and changes to settings which makes it possible to carry out retrospective checks.

A user-friendly alarm system

By connecting the Octalarm-IP to the internet you can ***log in and monitor*** your alarm reports via any internet PC. You see the current alarms, the logbook, the telephone numbers that are activated if there is an alarm and all other settings. Combined with the support provided by the clearly arranged e-mail reports this makes the Octalarm-IP concept extremely user-friendly.

Receipt of alarms

Alarm receivers are informed of any malfunctions in technical installations and processes by speech, pager or SMS messages. When there is no fixed telephone line available the Octalarm-IP switches over to the GSM network. There is a plug in GSM option available for this purpose.

Setting up using the keyboard or via a web browser

Connecting the Octalarm-IP to a computer via ethernet gives the possibility of programming the alarm dialer via the screen. Standard internet browsers such as Internet Explorer® and Mozilla Firefox® can be used for this purpose. This gives an excellent overview of all functions and saves a considerable amount of time during programming. Settings can also be entered on the Octalarm-IP itself.

The Adesys Control Centre (ACC)

The Adesys Control Centre, ACC, is an internet application that has been set up by Adesys for supporting the testing of technical installations with an Octalarm-IP alarm dialer.

As soon as an Octalarm-IP is linked to the internet it can connect with the ACC. Connecting with the internet gives a lot of extra possibilities.

Using a standard web browser you can:
- set up the Octalarm-IP and take readouts
- consult the Logbook that contains all the events

This can be extended for critical applications:
- remote system control
- line testing on telephone connections
- alarm messages in the event of system malfunctions and line failure
- safety net report if no one responds

E-mail reporting:
- reports concerning alarm processing
- advice concerning settings