SATEL Distributor of the year 2008

SATELCODE 8i
Local Area Radio Alarm Transmitter

SATELCODE 8i is a versatile VHF radio transmitter from SATEL's extensive selection of radio modems. Together with its counterpart, the SATELNODE X8S receiver, it provides the easiest way of setting up a wireless alarm transfer connection between two points.

The powerful SATELCODE 8i, having output power of 4 Watts, transmits a message that includes both address and alarm information. The number of possible different messages amounts to several tens of thousands.

The configuration of a SATELCODE 8i /SATELNODE X8S system is straightforward and the installation quick and easy. The user benefits from minimum time spent in planning and materialisation of an alarm system. The radio modems are extremely reliable. The operation costs of alarm transfer systems are low, as there are practically no network service charges.

By means of the SATELCODE 8i / SATELNODE X8S alarm transfer equipment, SATEL has drastically lowered the threshold of setting up a local area alarm transfer.

Multi-purpose Alarm Transmitter

The SATELCODE 8i is a one-way radio transmitter equipped with 8 programmable inputs and a synthesised transmitter.

Its radio module represents the highest quality of technology, with extreme frequency stability and marginal amount of spurious transmission.

The SATELCODE 8i is used to transmit alarms related to the control of production machinery, or to the safety and security of people and property. 8 alarm inputs operate as resistance controlled loops. Activating a separate switch will make it possible to by-pass the pre-configured inputs. It is also possible to program a short delay to any of the inputs.

Either closing or opening of an alarm loop activates an alarm. The inputs are edge triggered. Once an edge occurs, SATELCODE 8i adds the input into its alarm register and sends the alarm message several times until the configured number of retry sending is done. A message consists of an address and an alarm data part.

Alarm System

An alarm transfer system usually consists of a SATELNODE X8S receiver and a number of SATEL-CODE 8i transmitters. Securing the safety and integrity of public or private property is the most important application area of the SATEL-CODE 8i. The application relates to industrial and office buildings, banks, service stations, etc.

The cause of an alarm varies from fire and water to burglary and mischief. Remote control of isolated field instruments e.g. pumping stations in municipal waterworks systems is another important application area of the SATELCODE 8i. In recent years, a great number of SATELCODE/SATELNODE radio modem systems have been delivered for a variety of applications in Europe and elsewhere.

Support from your radio modem supplier

SATEL possesses one of the world's widest selections of VHF and UHF radio modems and also extensive and profound knowledge of their applications.

Starting from the specification of your problem and the configuration of a wireless alarm transfer solution, the local SATEL application expert can help you proceed swiftly, with minimum headaches.

The installation and start-up of a SATELCODE/SATELNODE alarm transfer system is easy and straightforward. Our local representatives are competent and available to answer any technical questions you may have.

SATEL Oy is a Finnish electronics and telecommunications company that specialises in wireless data communications. It designs, manufactures and markets radio modems for data communications and alarm transfer systems. The main user groups include security companies, industrial companies, public organisations, banks, chain stores and harbours.

SATEL is a leading supplier of radio modems in Europe. The SATEL radio modems are type approved in most European countries and elsewhere.