

Product description

EMA Professional is a new generation of **high-performance monitoring stations**, designed primarily **for sophisticated early warning systems** or systems requiring **multi-channel communications** using large-sized communication devices that need to be placed in a single box. The monitoring station is also suitable for industrial automation applications.

According to a type of sensors connected the station can monitor weather conditions, water levels, the stability of building structures, and the presence of hazardous substances in the environment. It can also control valves, motors and actuators. It assesses risks on a multi-level basis. The EMA Professional monitoring station sends the values it measures and calculates through various communication channels to warning control centres or mobile phones, or it can directly activate electronic sirens, PA systems, or beacons. It is a modular device providing a virtually unlimited number of inputs/outputs.

An innovated power supply source/charger allows multi-level charging of backup batteries with overcharge protection, thereby extending their life. At the same time, it performs battery load testing at set intervals and notifies users of the monitoring station of the battery replacement. The station is housed in a stainless steel box and can be installed either outdoors or in industrial environments without the necessity of any additional protection.

High-quality professional monitoring stations for warning systems





Key features



Compactness

A modular yet incredibly compact monitoring device – all in one robust stainless steel box.



Flexibility

The station has a virtually unlimited number of interfaces for different sensors and simple configuration, and it finds its application even in the most sophisticated monitoring and automation systems.



Intelligence

Built-in applications allow multi-level risk assessment, communication either directly with electronic sirens, warning control centres, or mobile devices. Working parameters can be changed remotely using a sophisticated management system. An innovated power supply source/charger allows multi-level charging of backup batteries with overcharge protection, thereby extending their life.



