WE120

Compact and universal GSM/SMS remote control

Basing on GSM/SMS communication, WE120 is a compact and reliable solution for the remote activation and control of unattended industrial or domotic installations.

UNATTENDED

WE120 doesn't require any local interaction with human operators; only a SIM card and a power source are required to get the installation under control.

PROGRAMMABLE

The configuration of WE120 can be made either remotely via SMS or locally using the GENESYS programming software, that can be downloaded for free from Nethix Web-site.

RELIABLE

WE120 allows to control in real-time the system status of machines or devices and to interact via App through simple commands, such as switch-on, switch-off and set.
WE120 can also send notifications or alarms to registered users, informing about the status of selected parameters according to the configuration made.

TECHNICAL SPECIFICATIONS

Modem	2G quadband Embedded SIM card reader GSM Antenna included
Power supply	Low voltage 9-32VDC/12-24VAC
Consumption	100mA average, 250 mA peak
Input/ Output	4 digital input, not isolated, dry contact 2 analog input, not isolated, configurable through DIP switch, 0-5V, 0-10V, 0..20mA, NTC 2 relay output (1A 30VDC/230VAC) Additional expansion modules available
Enclosure	Plastic, DIN rail mountable
Dimensions(LxWxH)	70 x 65 x 90mm
Weight	180 g
Operating temperature	from -15°C to +55°C
Storage temperature	from -25°C to +85°C

Humidity	0% - 95% (non condensing)
Communication ports	1 serial port RS232 1 serial port RS485 1 USB mini B port
Output Power	Class 4 (2W) for GSM 850 Class 4 (2W) for E-GSM 900 Class 1 (1W) for GSM 1800 Class 1 (1W) for GSM 1900
Reception sensibility	Higher than -102dBm at antenna connector
Used services	RING, SMS, CSD, App
Main Functionality	Input/Output monitoring and control Configuration backup/restore
Applications	Industrial IoT Water and Gas Energy and Environment

Simple and versatile
suitable for several applications

Expandable
according to the specific requirements

Reliable communication
via SMS

User-Friendly
easy to use thanks to the free mobile App

NETHIX
WE CONTROL