

# DCA-4000 ALARM CONTROL PANEL

The DCA-4000 alarm control panel is a device that manages the operation of sirens in various alarm systems. It performs the function of an interface connecting sirens operating in RF technology (digital or analogue) with the digitexCZK/IP® system operating in an IP network. The DCA-4000 control panel enables sending and receiving packet transmission using analogue/digital radiotelephone and IP protocol.

## ADVANTAGES AND FEATURES

### CONTROL OF SIRENS

The DCA-4000 alarm control panel acts as an interface connecting sirens operating in digital and analogue technology. The control panel enables reliable communication in the digitexCZK/IP® system via the IP channel (LAN/WAN/VPN), radio channels and GSM.

### ALARMING

DCA-4000 allows you to activate alarms in sirens, deliver live voice messages, play selected messages from the list of predefined messages, monitor the state of sirens and their automatic or manual testing.

### SYSTEM CONTROL APPLICATION

Sirens are controlled by a web applications that can be used on any device with a web browser.

### INTEGRAL SERVER

Thanks to the integrated PC-700 industrial computer with a dedicated operating system (MS Windows, Linux) and server software installed, the DCA-4000 alarm control panel is active 24 hours a day.

### LOCAL OPERATION

The integrated panel with a keyboard and display allows for manual control of the entire alarm system, for example during a computer or network failure.

### STABLE OPERATION

DCA-4000 has an external backup battery that allows operation even in the event of a 230 V AC main power failure. The device automatically goes into emergency power mode, which guarantees reliability.

### NOTIFICATION OF EVENTS

Control panel allows for notifying selected people in case of events via SMS and e-mails.

### REPORTING

The DCA-4000 control panel collects reports from registered events and tests of all devices. Thanks to this, it is possible to print them directly, save them on an external data storage or export them to a PDF file.

### OPERATION WITH OTHER DEVICES

DCA-4000 operates with external devices configured in the digitexCZK/IP® system. It enables, among others, to control weather stations, air quality sensors, water level meters, chlorine, ammonia and radiation levels, as well as paging and evacuation systems.





## TECHNICAL DATA

<b>Local operation</b>	integrated alphanumeric display (LCD, 4 x 12 characters), membrane keyboard with 16 keys and patent key switch
<b>Soft keys</b>	external, e.g. for quick activation of an alarm or message
<b>Control and monitoring of devices</b>	SIRENS: analogue and digital EXTERNAL DEVICES: chemical sensors, weather stations, paging/evacuation systems
<b>Communication with sirens</b>	RF (digital/analogue), IP (LAN/WAN/VPN)
<b>Communication with external devices</b>	digital RF communication (NXDN/TDMA), IP (LAN/WAN/VPN)
<b>Radiotelephone</b>	integral, analogue/digital, VHF/UHF, max 25 W
<b>Access to server applications</b>	web application (digitex Wave)
<b>Power supply</b>	230 V AC, 50 Hz, (+/-10%) or 12 V DC (power cord for car cigarette lighter)
<b>Emergency power supply</b>	external battery, 12 V DC (50 Ah)
<b>External interfaces</b>	4 x USB, 2 x LAN, RS-485, DVI-I, antenna socket and headphone jack, Wi-Fi (option)
<b>Optional modules</b>	GSM module, 2 redundant HDD/SSD drives, radio modem for controlling analogue sirens (MMB-4000)
<b>Operating temperature</b>	between 0 °C and 60 °C
<b>Dimensions/ weight</b>	88 (H) x 430 (W) x 350 (D) mm/ 9 kg
<b>Materials</b>	aluminium housing, 19"/2U rack type
<b>Protection grade</b>	IP20
<b>Warranty</b>	24 months (battery: 12 months)

