
Operator's control panel

OCP16



OCP16 Operator's control panel

An all-in-one multi-purpose device, integrating the standard interacting functions of a system and its operators with advanced warning, communications and process automation functions. In control centres, **OCP16 can replace several other single-purpose devices**, thereby saving costs and space significantly. Hence, it is a useful tool for the automation of various types of processes and the unburdening of operators of work routines.

Operators can respond to various events flexibly using a single device and a single intuitive interface. For unmanned operational centres, OCP16 can work according to previously prepared, fully automated action scenarios and react to external stimuli autonomously. Thanks to this feature, it is possible to secure continuous device operation even in places where the human-crewed operation could be too costly. The manned operation is thus called to the operational centre only in emergencies.

The OCP16 operator's control panel is equipped with advanced communications functions so that it can be connected with other modules and devices produced by Telegrafia or other producers. The panel is capable of controlling such modules and devices individually or in groups within a warning or SCADA system, using a wired or wireless communications link. The operators can use OCP16 also as an independent device.





Versions

The OCP16 Operator's control panel has a full-colour 7" touchscreen, push-button rotary encoder, and five push buttons for comfortable and intuitive device control.

The OCP16 Operator's control panel is offered by the company in the basic **OCP16 Touchscreen** version (without a microphone and phone receiver) that can be supplemented with optional modules such as

- **OCP16 Microphone** – the ideal choice for live-voice broadcasting or prevailing one-way communication
- **OCP16 Phone Receiver** – the right choice for two-way communication with other people
- **OCP16 Extension Panel with additional buttons** /max 3 units/



Basic version
OCP16 Touchscreen with microphone



OCP16 software applications

The functionality of the OCP16 Operator's control panel is given by the applications it contains, which are supplied according to a client's needs and selection. These applications are designed to be mutually and directly interconnected into the complex whole. Depending on their combinations, it is possible to create a tailor-made solution to suit a specific client for a variety of applications.

All settings of the OCP16 Operator's control panel easily configurable using the Ewans® Tools configuration application on a connected computer

- OCP Warning
- OCP Notification
- OCP SCADA
- OCP Intercom



OCP Warning

OCP Warning is a software application that enables operators to activate and control acoustic warning devices promptly and efficiently, directly from a well-organised diagram displayed on a touchscreen. Users need to buy a client access software license (CAL) for each connected device, separately or as a package.



Main Functions

- Fast and simple activation and deactivation of acoustic warning directly from a well-organised device diagram
- Live-voice broadcasting via microphone
- Remote device monitoring and testing
- Detailed reports on device test results
- Accurate records on device actions
- Using pre-defined groups of sirens
- Graphical display of device statuses
- Encrypted communication between OCP16 and the connected devices
- Time synchronisation with connected devices



Communications channels

- TCP/IP (LAN, GPRS, Wi-Fi)
- Digital radio (MOTOTRBO)
- Analogue radio
- 2-channel control coordination



Extended settings and functions

- OCP16 time synchronisation using a GPS receiver
- Third-party interfaces
 - o CAP (Common Alerting Protocol) without a text-to-speech system
 - o HTTP (Hypertext Transfer Protocol) without a text-to-speech system

**OCP Warning for making prompt
and right decisions in critical situations**

OCP SCADA

OCP SCADA is a software application that enables operators to monitor data from monitoring devices and to manage and control individual elements of a monitoring system if necessary.



Main functions

- Collection, analysis, processing, evaluation and display of data acquired from sensors and monitoring devices (such as depths, pressures, water levels, flow rates, concentrations of the monitored substance in the air, and others)
- Monitoring and regulation within a system (ventilation, air-conditioning, sound distribution, window, door and gate opening/closing, lighting and visual signalisation control)
- Automated and concurrent activation of several actions or processes
- Overview of all monitoring/measurement points
- Display of the status of a monitored location and all current measurements from monitoring devices





Communications channels

- TCP/IP (LAN, GPRS, Wi-Fi)
- Digital radio (MOTOTRBO)
- Analogue radio
- 2-channel control coordination



Extended settings and functions

- Interconnection with OCP Warning
- Interconnection with OCP Intercom
- Interconnection with OCP Notification



Monitoring teploty

Monitoring hladiny

Monitoring
dilatačních škr

Monitoring tlaku

OCP Notification



OCP Notification is a software application that enables quick, automated telephoning and sending short messages (SMS) to pre-defined recipients. Also, it supports delivery verification of messages, for example, in the form of the required numerical code provided by a recipient.

For crisis management purposes, the **OCP Notification** application is most commonly used to summon emergency units and rescue teams (the first responders) in emergencies. Moreover, it finds its effective utilisation in ordinary non-emergency summons and notification of a high number of selected people, for example, in banks or large industrial plants.



Main functions

- Automated telephoning and sending short messages (SMS) to pre-defined recipients
- Up to 150 pre-defined recipients, groups of recipients, and emergencies
- Setting a list of events for notification purposes
- Pre-defining a list of recipients to be notified during a particular event
- Pre-defining a list of messages to be sent during a specific event
- Prioritisation of recipients of notifications (phone calls and SMS)
- Automated repetition of notification and summons of unavailable recipients
- Multi-lingual notification with a particular language definition for a specific recipient
- Keeping records and storage of all information regarding device actions (e.g. the name of an operator running operation, the text of a short message sent, the result of notification and others)



Communications channels

- Mobile network SMS services
- GSM voice services
- SMS + GSM voice services
- VoIP based services



Extended settings

- Setting a method of notification (a phone call or message)
- Setting a language of the notification
- Setting a confirmation method of read receipt for a short message
- Setting the number of repetitive notifications in the event of a recipient's non-responding to the previously sent notification message



OCP Intercom

OCP Intercom is a software application based on VoIP phone technology that allows easy, two-way voice communications between previously defined call participants in industrial plants and other buildings, most frequently between the operational centre and individual operational units or between the operational centres within an internal communications system.



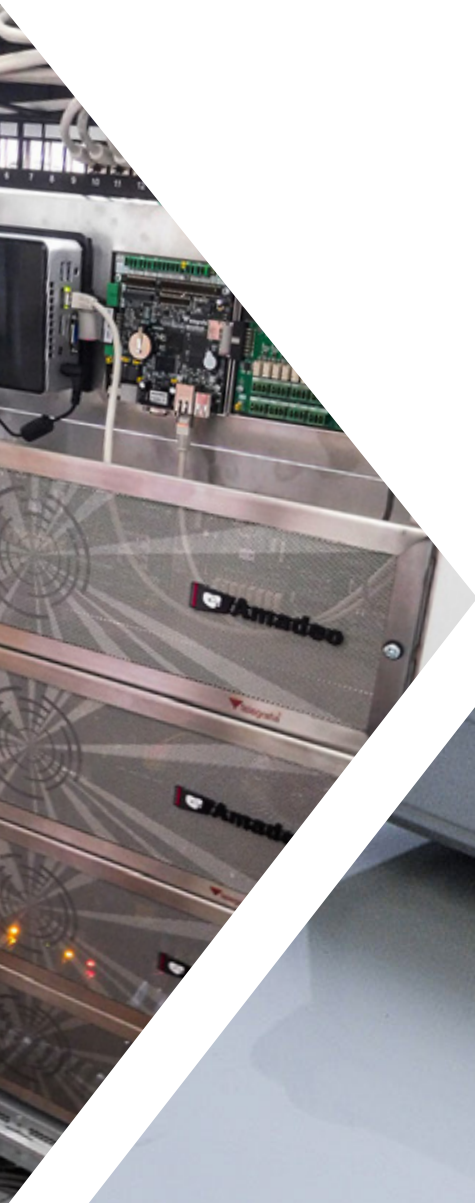
Main functions

- Two-way internal voice communication between previously defined call participants
- Interconnectivity with the Telegrafia industrial intercom, Amadeo PA subsystem, and control units within a system
- Connectivity with VoIP switchboards



Extended settings and functions

- The possibility of using phone directories
- Speakerphone





OCP16 Operator's control panel

Application Fields

- Warning and notification centres (dams, waterworks, and civil protection facilities)
- Emergency services (ambulances, fire-fighting brigades, rescue units, and police stations)
- Security services (banks, insurance companies, shopping centres)
- PA systems



Technical parameters

Power supply

12-30 V DC from the
mains using an adapter

Dimensions

250 × 180 × 80 mm

Weight

500 g

The range of working temperatures

-25°C up to +65 °C

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