Operating Room Control Panels

OCP 21G

Switching Life to Infinity

aktif ELEKTROTEKNİK

Operating Room Control Panels

OCP Series

OCP 21G

The OCP 21G Operating Room Control Panel is a modern and reliable control panel designed to provide the most suitable working conditions in the operating room environment and to provide maximum comfort to the patient and healthcare team. Equipped with a 21.5 inch capacitive touch screen and IP 65 protection class, the OCP 21G has a modern design thanks to its touch glass coated front panel. It allows manual management of all electrical controls needed in the operating room.

The panel, which has a Linux-based operating system, allows information exchange with building automation via Modbus and TCP/IP communication infrastructure.

Powerful Connection Options: It meets all kinds of connection needs with its Modbus and TCP/IP supported building automation integration, SCADA compatibility, Ethernet connection, USB access and IP phone support.

Advanced Multimedia and Communication: Provides internet access, PDF reading, video calls via webcam, video conference via VoIP and communication via Skype.

Music Broadcast: Customizable input profiles, 6 channel music broadcast, external speaker support.

High Security: It has Analog input/output protection with latching-rush relay feature. It also provides remote live support with TeamViewer support, allowing technical problems to be resolved quickly.

OCP 21G is a high-tech control panel that fully meets the needs of healthcare professionals by offering comprehensive control and comfort solutions for modern operating rooms.

OCP 21G Technical Specifications

- LINUX based operating system
- Touch glass coated front panel
- 21.5 inch capacitive touch screen
- RS-485, Modbus RTU master/slave, TCP/IP communication interfaces, external RS232 and CanBus support
- Scada and PACS Integration
- Internet access
- Hands-FreeVoIP phone, video conference over VoIP
- Hands-Free analog phone
- Telephone book feature
- Camera, MP3, USB features
- PDF viewer
- Customizable user profiles with macro function buttons
- 3 line general lighting control
- Power failure protection by latching in-rush relay
- Control of Operation, UV, Busy, Negatoscope light
- Lighting and negatoscope intensity controls between 0% to 100%
- 6 channel music broadcast channel selection
- 15 Watt power amplifier, music volume adjustment
- 13 Watt internal speaker
- External speaker support
- Digital clock and chronometer (ascending and descending counter), central clock integration
- Analog input/output protections
- 10 channel medical gas alarm panel
- 0-10V automation outputs for temperature and humidity levels
- Integration to different automation systems via customizable voltage / current options for analog inputs
- Temperature, humidity, differential room pressure, hepa filter pollution monitoring and setting, audible and minous warning when set value is exceeded
- Voice notification buttons to disable undesirable alarm notifications
- Operating status: on /off information, operating room busy lamp sign
- Damper open/close manual control, flow control
- AGS (Anaesthetic Gas Discharge) button
- Sends information to automation by 8 analog 0-10V outputs and 8 digital input/outputs
- Event recording and system status
- Embedded assembly
- Front panel dimensions: 660mm x 460mm
- Assembly dimensions: 640mm x 435mm x 125mm

Doc. Nr: OCP21G-20250610/En Owing to periodical improvements of our products the supplied products may differ in some details from the data stated in the prospectus material. Published by Aktif Data subject to alteration without notice. Design & Creation: Aktif / Photos: Aktif - Stock.xchng & Shutterstock, Published Date: 10.06.2025

aktif
ELEKTROTEKNİK

Headquarters

Bayraktar Bul. Şehit Sok. No: 5
34775 Ümraniye, İstanbul, TR
Phone : +90 (216) 314 93 20
Fax : +90 (216) 314 93 60
www.aktif.net - info@aktif.net

Germany Office

Bahnhofstrasse 82-86
35390 Giessen, Germany
Phone : +49 176 60940534
www.aktif.net
info.de@aktif.net

HV Factory

Akşemsettin Mah. Çatalca Sk. No: 113 06930
Sincan, Ankara, TR
Phone : +90 (312) 269 46 02
Fax : +90 (312) 269 45 01
www.aktif.net - info@aktif.net

LV Factory

Kargalı Hanbaba Organize Sanayi, 2. Sk., No: 5, Hendek, Sakarya, TR
Phone : +90 (264) 276 64 50
Fax : +90 (264) 276 64 52
www.aktif.net - info@aktif.net