

## HT Control 5.0 - HT Room Control System



The HT Control system is specifically engineered to empower operators in hospitals and laboratories with efficient control and monitoring capabilities. This system allows critical functions in the operating room to be effectively managed and overseen, ensuring optimal performance and resource coordination. HT Control REV5.0 goes beyond traditional room func-

tions. In addition to controlling standard room elements such as doors, blinds, lighting, signals, alarms, and climate control, the system also offers advanced functionalities as BACnet connection, audio and music, video routing, and Dicom integration solution. It enables seamless management of these functions within the operation room.

### Basic components of the HT Control system unit

HT PC unit	Touch-PC-based Linux OS for web-visu interface call
HT Control basic unit	<p>General hardware system interfaces:</p> <ul style="list-style-type: none"> <li>• 24 digital inputs (alarm messages)</li> <li>• 12 digital inputs (special integration)</li> <li>• 20 digital outputs (control, status, OP Mode, warning light, surgical light)</li> <li>• 16 digital outputs (control 4 groups of doors, doors lock, blinds)</li> <li>• 4 analog inputs (climate parameters, sensors integration)</li> <li>• 4 analog outputs (climate parameters, with BMS integration)</li> <li>• 4 special blind controller solution (group blind control)</li> <li>• 1 DALI Master interface for dimming and controlling the room illumination (1 up to 64 addresses)</li> <li>• 2 LAN connections (internet connection, services point)</li> <li>• power supply 110 - 230 V</li> </ul>
Language support	HT-Control offers multi-language support, including English, German, Arabic, Spanish, French, and more
Touch-Monitor	<ul style="list-style-type: none"> <li>• display size of 32 inches</li> <li>• fully enhanced touch function</li> <li>• screen resolution 1920 x 1080 (Full HD) / 16:9</li> <li>• protective glass 4 mm</li> <li>• viewing angle 178° / 178°</li> </ul>
Additional features	<ul style="list-style-type: none"> <li>• BACnet integration with the hospital HVAC system</li> <li>• TCP-IP communication with hospital BMS</li> <li>• multi profile support, users can create their own profile and customize the home page</li> <li>• text editing according to customer requirements (multi-languages are possible)</li> <li>• Web-Interface call, a special solution to integrate the HT-Controller with the 3<sup>rd</sup> system</li> <li>• remote services, including updates, troubleshooting, customer support</li> </ul>
On-site requirements	<ul style="list-style-type: none"> <li>• optional LAN connection - remote service access / LAN connection - building management system (BACnet)</li> <li>• on-site power supply 110-230 V AC</li> </ul>