

## MDT Glass Central Operation Unit with LCd display, flush mounted

Version		
SCN-LCDGW.01	Central Operation Unit with LCD display	Flush mounted, White
SCN-LCDGS.01	Central Operation Unit with LCD display	Flush mounted, Black

The MDT Glass Central Operation Unit is used to control the indoor temperature, it has a working range from -10 to +50°C. The MDT Glass Central Operation Unit detects the temperature and releases telegrams in dependence on its parameterisation.

The characteristic of the MDT Glass Central Operation Unit (Two-position, PI and PWM control) can be set in the ETS. The MDT Glass Central Operation Unit stores the minimum and maximum temperature and releases an alarm telegram if the temperature differs from the programmed limit values. The temperature of the frost protection is parameterizable. The 8 logical blocks with 4 inputs allow individual conjunctions.

The large LCD display optionally shows inside/outside temperature, the desired value and the current time. Also user defined messages and 14byte telegrams from the KNX bus can be displayed.

In addition to the functions as room temperature controller the MDT Glass Central Operation Unit offers these features:

- Integrated time switch with power reserve
- Sending of the current time to the KNX bus
- Receiving the current time from the KNX bus
- Sensor areas have the following functions:  
Dimmer/shutter/switching/sending of values/scenes

The MDT Glass Central Operation Unit is a flush mounted device for fixed installations in dry rooms.

For project design and commissioning of the MDT Glass Central Operation Unit it is recommended to use the ETS. Please download the application software at [www.mdt.de/Downloads.html](http://www.mdt.de/Downloads.html)

SCN-LCDGW.01



SCN-LCDGS.01



- Production in Germany, certified according to ISO 9001
- **Large LCD Display (with automatic light intensity control)**
- Room temperature controller with temperature sensor -10 to +50°C
- Comfort-/night-/standby-/frost protection operation, holiday function
- Selectable temperature controller (PI, Two-position, PWM)
- Status feedback by HVAC and RHCC status objects
- Limit values min/max, frost-/heat protection alarm, min/max memory
- Given value is stored at voltage failure
- **Indication of inside/outside temperature, desired value and time**
- **Indication of user defined messages (1Bit)**
- **Indication of text telegrams (14Byte)**
- **Two direct switching functions (e.g. light, shutter)**
- **20 switching functions via menu (Dimming/shutter/switching/sending of values/scenes/sending of given temperature value)**
- **Ventilation functions (hand or automatic)**
- **Integrated time switch (20 channels with 6 circuit times each)**
- **Day-/Week-/Astro time switching function**
- 8 logical blocks with 4 inputs
- Dimensions (W x H): 92mm x 92mm, mounting height: 1,6m
- Integrated bus coupling unit
- 3 years warranty

<b>Technical Data</b>	SCN-LCDGW.01	SCN-LCDGS.01	
<b>Configuration</b>	RTC	RTC	
Number of Channels	1	1	
<b>Accuracy typ.</b>	< 5 min/year	< 5 min/Jahr	
<b>Power reserve</b>	24 hours	24 Std	
<b>Measurement range temperature</b>	-10 to +50°C	-10 to +50°C	
<b>Specification KNX interface</b>	TP-256	TP-256	
<b>Available application software</b>	ETS 3/4/5	ETS 3/4/5	
<b>Permitted wire gauge</b>			
KNX busconnection terminal	0,8mm Ø, solid core	0,8mm Ø, solid core	
<b>Power supply</b>	KNX bus	KNX bus	
<b>Power consumption KNX bus typ.</b>	< 0,25W	< 0,25W	
<b>Operating temperature range</b>	-10 to +50°C	-10 to +50°C	
<b>Enclosure</b>	IP 20	IP 20	
<b>Dimensions (W x H x D)</b>	92mm x 92mm x 28mm	92mm x 92mm x 28mm	
<b>Recommended mounting height</b>	1,6m	1,6m	

**Exemplary circuit diagram SCN-LCDGx.01**

