

MDT VisuControl Touchpanel

Version		
VC-0701.04	7"/17,7cm capacitive True Glass TFT touchpanel (16:9)	Flush mounted
VC-1001.04	10"/25,6cm capacitive True Glass TFT touchpanel (16:9)	Flush mounted

The VisuControl glass touch panel is used to visualize the current building status and the interactive control of building functions. The representation takes place over a capacitive glass TFT screen with a resolution of 1280 x 800 pixels (VisuControl 1001.04) or 800 x 480 pixels (VisuControl 0701.04).

The individual screen pages can be programmed individually. In addition to the basic functions such as switching, Dimming and blinds / shutters, also extensive scenes and diagram functions are available. For the design of screen pages, individual graphics and images can be integrated.

The integrated time switch can be used to implement extensive day/week/month/year and astro switching functions. The individual channels can be enabled directly on the touch panel or externally via a group address.

Measured values like temperatures, wind forces or any switching states can be recorded in the internal data memory or directly on USB/SD card (data logger). Recorded values can be exported and further processed with an external application (e.g. Excel).

Alarm states are stored internally and trigger actions at the same time, such as the sending of emails or the display of alarm messages.

The KNX interface and the Ethernet connection are already integrated in the VisuControl touch panel. The Ethernet Interface is required to program the touch panel and to connect the touch panel to the existing LAN. Sending emails, displaying RSS newsfeeds, connecting certain IP cameras and the viewing of web pages can be easily integrated into the project.

The included VisuControl lite software has the following limitations. No new projects can be created, but the enclosed sample projects can be adapted and transferred to the touch panel. No pages can be added to the project, but the objects used in the sample project can be copied to any project page as desired. If the unrestricted VisuControl Pro software is needed, it is to acquire only once per licensee. The VisuControl software is available in German and English.

Remote access via iPad / iPhone / Android / PC allows control of the following widgets: Buttons, Sliders, Text fields, Symbols, Newsfeeds, Forms and IP cameras.

Delivery includes software VisuControl lite. Glass/stainless steel frame, flush box and power supply have to be ordered separately.

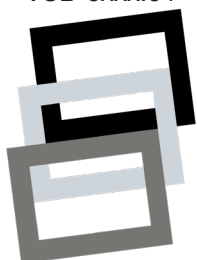
VC-0701.04



VC-1001.04



VCB-0xxx.04



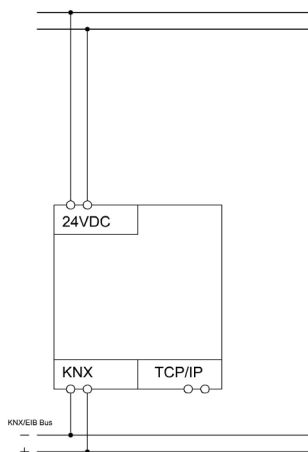
STV-0024.01



- Production certified according to ISO 9001
- **Capacitive glass touch display with LED backlight**
- User interface individually programmable
- Switching and dimming, shutter/blind control
- Remote Access via iPad/iPhone/Android/PC
- Alarm indication
- Displaying trends
- Forwarding of informations via email
- **VisuControl lite software and demo projects included**
- LED Backlight
- 24VDC power supply required (eg. STV-0024.01)
- Integrated bus coupling unit
- 3 years warranty

Technical Data	VC-0701.04	VC-1001.04	
Screen size	7"/17,7cm	10"/25,6cm	
Resolution	800 x 480 Pixel	1280 x 800 Pixel	
Permitted wire gauge			
Screw terminal	2,5mm ²	2,5mm ²	
KNX busconnection terminal	0,8mm Ø, solid core	0,8mm Ø, solid core	
Power supply	24VDC	24VDC	
Power consumption	< 10W	< 11W	
Dimensions without frame			
Depth	70mm	75mm	
Width	187mm	282mm	
Height	147mm	197mm	
Dimensions with glass-/stainless steel frame			
Depth	73mm	78mm	
Width	247mm	319mm	
Height	190mm	230mm	
Dimensions flush mounted metal box			
Depth	84mm	76mm	
Width	213mm	275mm	
Height	171mm	189mm	
Operation temperature range	0 bis 45°C	0 bis 45°C	
Enclosure	IP 20	IP 20	

Exemplary circuit diagram VC-xx01.04



Functional Overview VC-xx01.04

Integrated webservice for remote control	Yes
Number of pages*	1000
Number of objects in each page (Widgets)	2000
Number of group addresses	10000
Number of dialog pages*	50
Number of scenes	32
Number of scene elements	1000
Number of parameter sets for a scene	1000
Number of users/user groups	50/50
Number of concurrent remote clients	4
Remote access via browser	iOS/Android/PC
Remote access via VisuControl app for iOS	Yes
Number of schedulers	30
Number of alarms	500
Number of actions per button	32
Number of trend buffers	30
Number of curves per trend	5
Number of samples per trend buffer	200000
Number of samples in the project	1200000
Number of event buffers	4
Number of events in a buffer	2048
Javascript code size per page (special functions)	16KB
Maximum project size	30MB

* only in conjunction with VisuControl Pro software, otherwise depending on the used sample project

Technical modifications and corrections are subject to change without notice.

Images could be different.