

Operator dialogue terminals

Small Panels with touch screen

Magelis STO, STU



Magelis STO Small Panel 3.4"



Magelis STU Small Panel 3.5"



Magelis STU Small Panel 5.7"



Exploded view of Magelis STU Small Panel: simple installation by means of a 22 mm diameter hole

Presentation

The Magelis Small Panels offer includes the following touch screen terminals:

- Magelis STO, with 3.4" monochrome screen, available with 2 different types of backlighting:
 - Green, orange, red
 - White, pink, red
- Magelis STU, with 3.5" and 5.7" TFT colour screens

Operation

The features of Magelis STO and STU terminals draw on key technological innovations:

- All models are equipped with 2 USB V2.0 ports for data transfer.
- Magelis STU models feature an RJ45 port, enabling integration of an Ethernet TCP/IP network and the use of the services associated with this (in particular, the Web Gate function).

No panel cut-out required to install Magelis STU models

No panel cut-out is required to install a Magelis STU Small Panel. All you need to do is drill a hole measuring 22 mm in diameter - just as if you were installing a pushbutton.

The front module (comprising the screen) is connected to the rear module (comprising the terminals and connectors). Both modules are fixed together by means of the 22 mm diameter hole.



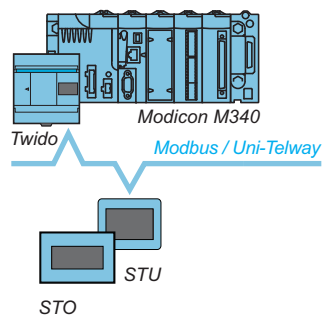
Display of a video sequence

Configuration

Magelis STO/STU terminals can be configured using Vijeo Designer software in a Windows XP, Windows Vista or Windows 7 environment.

Vijeo Designer software boasts an advanced user interface with many configurable windows, enabling projects to be developed quickly and easily.

See page 36349/2



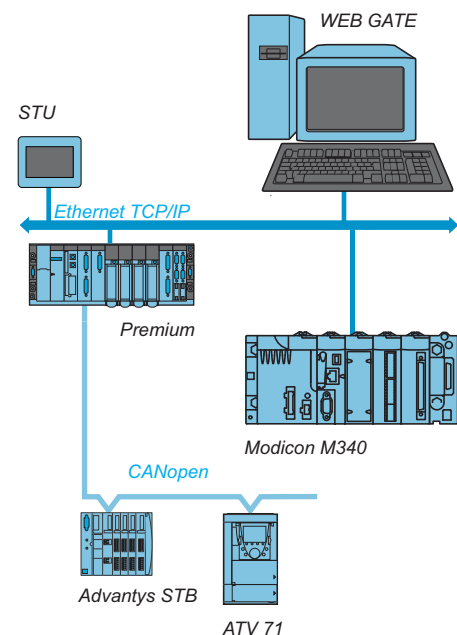
Example of serial link architecture

Communication

Magelis STO/STU terminals communicate with PLCs via an integrated serial link, using the following communication protocols:

- **Schneider Electric** (Uni-TE, Modbus)
- **Third-party**: Mitsubishi Electric, Omron, Allen-Bradley and Siemens

The Magelis STU terminal is connected on Ethernet TCP/IP networks via Modbus TCP or a third-party protocol.



Example of Ethernet TCP/IP network architecture