

VISUALIZATION OF MEASURING DATA USING LARGE TABLEAUS

We are producing infoterminals and visualization tableaus in nearly every way our customers want to. Visualization of measured data is available on touch monitors in well designed cases or large numerical LED or LCD displays on individually designed tableaus. Even large alphanumeric displays for outdoor mounting are available. Controlling of the displays is done by a serial port (RS 485). Therefore our dataloggers cannot only log data but display data and calculated values on large displays.



**INGENIEURBÜRO
Mencke & Tegtmeyer**

Meßgeräte für die Solartechnik



Description of Function

Our POI systems (Point-of-Information) are individually designed for our customers. Aesthetical design and protection against vandalism is very important within the design of our tableaus and terminals. We for example use touchscreen monitors with security glass in combination with cases built of stainless steel, aluminium or coloured steel for long-term function.

For our visualization tableaus we use different processes, depending on the application.

Tableaus built of aluminium, printed and afterwards eloxadized, are resistant against chemics. So graffities can be removed quickly. Also the surface is not sensitive to scratching.

If tableaus should be printed in full colour, we use digital printed and laminated polycarbonat or aluminium boards. All tableaus get a frame of

aluminium, so they can be placed on walls as easy as a picture. Also free-standing versions are available. Maximum printable area is 80 * 100 cm² for print under eloxal and up to 120 * 180 cm² for digital prints.

The large displays, integrated into the visualization tableau, are controlled directly via the RS 485 port of our dataloggers IDL 100 and Gealog S. We use LED as well as LCD displays. Depending on the reading distance between visualization tableau and user we mostly integrate displays with digit heights of 60 or 45 mm.

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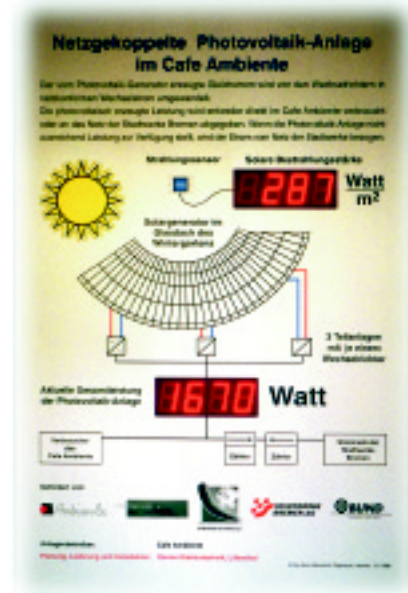
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VISUALIZATION TABLEAUS LED and LCD Displays

Technical Data

- Controlling: RS 485 via datalogger IDL 100 or Gealog S
- Display technique: LED or LCD
- Number of digits: up to 6
- Digit height: 45 or 100 mm
- LCD: 60, 100 or 170 mm
- LED: 0 to +40 °C



VISUALIZATION TABLEAUS Materials

Technical Data

- Aluminium boards, printed and eloxadized, therefore resistant against scratching and chemics, printed in single colours
- Full colour by digital print, laminated aluminium board
- Full colour by digital print, laminated transparent polycarbonat board for LCD displays
- Eloxadized or coloured (RAL) aluminium frame
- Maximum size for eloxadized aluminium: 80 * 100 cm²
- Maximum size for digital print: 120 * 200 cm²

