

# Advanced Graphical Interface, AGI 100 Series

Touch Screen Monitoring and Control of Your System

*DEIF Screen Designer allows you to simulate your project on your PC in the design phase.*

A comprehensive HMI solution, DEIF's AGI 100 series connects to all DEIF multi-line controllers and non-DEIF controllers via standard communication protocols. The units' functionalities eliminate the need for other instruments, saving you both space and wiring.

The Advanced Graphical Interface series has been designed to be the most intuitive and user-friendly HMIs on the market and is available in 4.3", 7", 10.1" and 15" sizes with a choice of 10 languages for a single project, including Russian and Chinese.

The intelligent unit provides full graphical overviews and touch screen control with a quality display easily readable even at sharp angles. Monitor or control multiple setups simultaneously, or share data via Ethernet connections, effectively enabling the DEIF HMI to be used as a small SCADA system.

## DEIF Screen Designer

The free AGI design software, DEIF Screen Designer, allows you to simulate your project on your PC while designing it, online or offline. Design and customise your interface to fit your needs exactly, use many supported features, including:

- Drawing objects
- Animated graphics
- Live data display and control objects
- Historic data displays
- Macro programming

DEIF Screen Designer also includes free updates and the possibility to safeguard your application and project files with multiple password protection levels.



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AGI 100 Series Main Features	AGI 104-2	AGI 107-2	AGI 110-2	AGI 115-2
TFT LCD – True Color	✓	✓	✓	✓
LED backlight	✓	✓	✓	✓
4:3 format display	–	–	–	✓
16:9 format display (Wide-screen)	✓	✓	✓	–
Aluminium frame	–	–	–	✓
ARM 9 processor	✓	✓	✓	✓
RTC (Real Time Clock)	✓	✓	✓	✓
USB client/USB host	✓	✓	✓	✓
Ethernet 10/100 Base-T	✓	✓	✓	✓
Serial connection (COM1/COM2/COM3)	✓	✓	✓	✓
Modbus RTU protocol	✓	✓	✓	✓
Modbus TCP/IP protocol	✓	✓	✓	✓
NMEA 0183	✓	✓	✓	✓

## AGI 100 Series Application Example

