

# Touch Graphical Interface

Programmable graphical interface for Eliwell controllers



PROGRAMMABLE CONTROLLERS



- 3.5", 4.3" and 7" graphic displays
- 262K colour TFT LCD displays
- Various serial port configurations available
- Dedicated programming software
- Easy front panel mounting

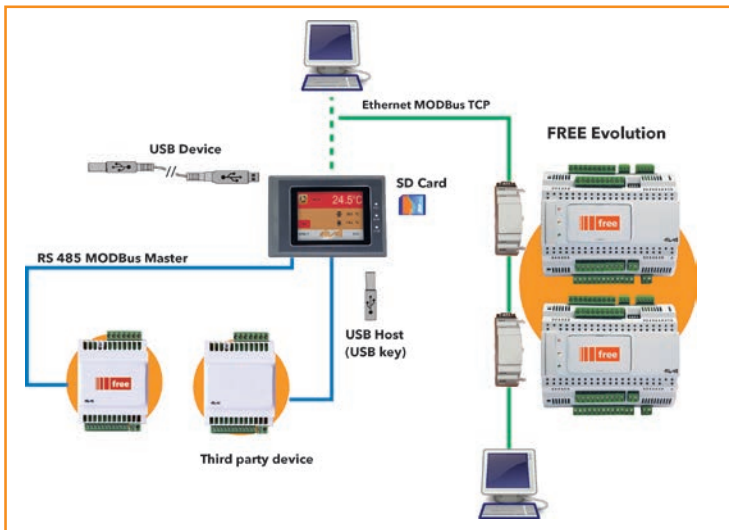


## Touch Graphical Interface

The new TGI touch-screens are graphical interfaces with a built-in CPU colour graphic display and mass storage. They can be used to view and set variables, parameters and alarms in all HVAC/R applications.

TGI touch-screens are equipped with standard serial ports for the connection of Eliwell or third-party controllers.



The programming software can be downloaded from the Eliwell website, allowing users to configure the screen and set up the serial ports and other functions as desired.



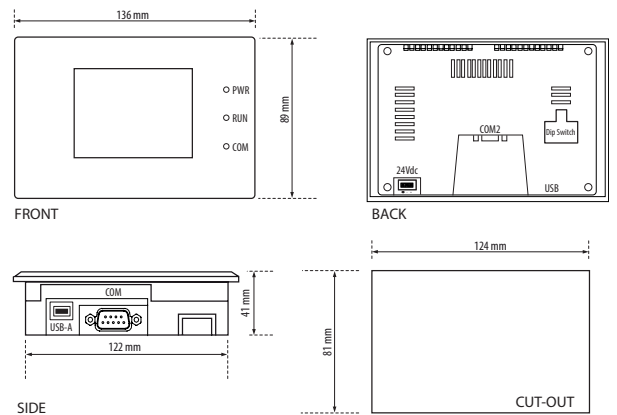
## Technical Data

Models	TGI035AE	TGI043AS/B	TGI07AS
<b>TFT LCD display</b>	4:3	16:9	16:9
Dimensions	3.5"	4.3"	7"
Resolution	320x240	480x272	800x480
Colours	262144	262144	262144
<b>CPU HEAT</b>	400 MHz	400 MHz	400 MHz
FLASH	128 M	128 M	128 M
Power supply	24 V <sub>DC</sub> ±15%	24 V <sub>DC</sub> ±15%	24 V <sub>DC</sub> ±15%
Power consumption	3 W	3 W	6 W
<b>SD card</b>	-	-	<b>1</b>
<b>Serial ports</b>	<b>2</b>	<b>4</b>	<b>5</b>
RS485 (Modbus-RTU)	1	1	2
USB Device ( <b>USB-A</b> )	1	1	1
USB Host ( <b>USB-B</b> )	-	1	1
Ethernet ( <b>LAN Modbus TCP-IP</b> )	-	1	1
<b>Dimensions</b>	136x89x39	173x96x39	228x154x41
Cutout (mm)	124x81	165x86	221x138
Weight	~0.2 kg	~0.3 kg	~1.5 kg
Protection rating (front panel)	IP65	IP65	IP65
Ambient temperature during operation	-10...+65°C	-10...+65°C	-10...+65°C
Ambient humidity during operation	10...90% RH	10...90% RH	10...90% RH

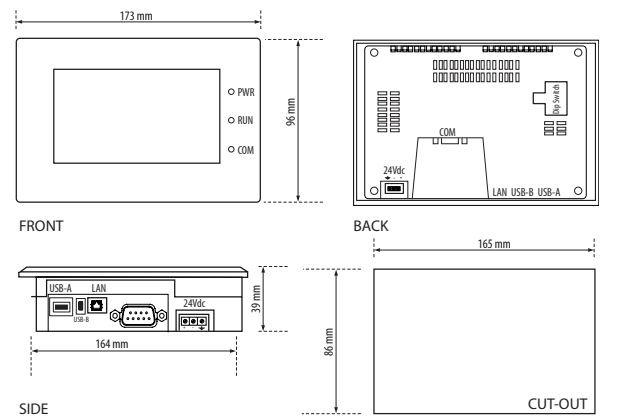
## Models and Accessories

Code	Description	Minimum Startup Kit
<b>TGI0350100400</b>	<b>TGI SK-035AE</b> ● 3.5" ● 4:3	
<b>TGI0430110400</b>	<b>TGI SK-043AS/B</b> ● 4.3" ● 16:9	✓
<b>TGI0700210400</b>	<b>TGI SK-070AS</b> ● 7" ● 16:9	
<b>BT111121</b>	Protected 100...240 V~/24 V <sub>DC</sub> power supply unit	✓
<b>COLV000008180</b>	1.8mt USB-B/USB-A programming cable	✓
<b>COLV001235200</b>	DB9/RS-485 2mt cable	
<b>COLV001135200</b>	DB9/RS-485 2mt cable + WHITE   - YELLOW   GND RED	 ✓

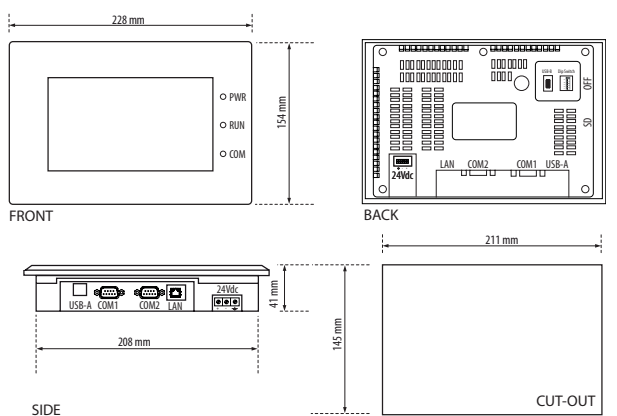
### MOUNTING MODEL TGI SK035AE



### MOUNTING MODEL TGI SK043AS/B



### MOUNTING MODEL TGI SK07AS



### ELIWELL CONTROLS srl

Via dell' Industria, 15 Z.I. Paludi  
32010 Pieve d' Alpago (BL)  
- ITALY -

Telephone: +39 0437 986 111  
Fax: +39 0437 989 066

[www.eliwell.com](http://www.eliwell.com)

### Sales:

Telephone: +39 0437 986 100 (Italy)  
+39 0437 986 200 (other countries)  
email: [saleseliwell@invensys.com](mailto:saleseliwell@invensys.com)

### Technical Support:

Telephone: +39 0437 986 250  
email: [eliwell.freeway@invensys.com](mailto:eliwell.freeway@invensys.com)



CT123179 • TGI • EN • rel 10/13

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