i4GEN RANGE

Multi-touch screen color display & complete monitoring software

The **i4Gen** is a user interface made by **CRE TECHNOLOGY** to offer users a complete monitoring of new **CRE TECHNOLOGY** controllers.

The unit hardware is a multi-touch screen color display developped for harsh environment and industrial areas, providing access to all controllers' data for control and measurement.

Thanks to an embedded TeamViewer© license, it will be possible to remotely access the **i4Gen** for support, remote control.

FEATURES & SPECIFICATIONS

CONTROL AND MANAGEMENT

Direct display
The i4Gen is able to display information from 1 to 32 controllers using the Ethernet connection and shows a basic overview of the power plant by using controller CANbus data when applicable.

Switch Connect
If the **i4Gen** and the controllers are connected on an Ethernet HUB with the right network configuration, it is possible to easily switch the connection between controllers in the powerplant page to supervise each controller in turn.

Multi user display
Several **i4Gen** can also be securely connected by an Ethernet hub to a single controller (or a group of controllers), for redundancy application, multi-level access or long-distance monitoring panel.

EVENTS DISPLAYED/RECORDED

An innovative feature will turn major events into 3D graphical object display, to warn the operator about an important event and to facilitate immediate diagnosis (ex: coolant tank will light up in red in case of coolant temp fault or in orange in case of coolant temp alarm).

An event recorder is also available on a dedicated display page, indicating time stamp, status, acknowledgment and corresponding variable; the event page can be filtered for diagnosis and investigation of selected variables.

LCD Display Panel
- IP Front: IP65
- Screen diagonal: 256.5mm (10.1in)
- Display active screen size: 257.1×159.7mm (10.1x6.29in)
- Aspect ratio: 16:10
- Physical resolution: 1280×800
- Colors displayed: 16.2M
- Brightness: 400cd/m²
- Contrast: 800:1
- Typical reaction time Tr/Tf: 30ms
- Visual angle horizontal/vertical: 170/170°
- Backlight/Backlight lifetime: LED/20,000h
- Touch Technology: Projected capacitive 10-Point Multitouch
- Surface Hardness: 6H

OPERATION / MECHANICAL / ENVIRONMENT
- Operating temperature: -10...60°C (14...140°F)
- Humidity: 5...80%
- Net weight: 2Kg (4.41lb)
- Gross weight: 2.9Kg (6.39lb) (incl. packing)
- Size: LxWxH: 268,49x186,5x59,7mm (10.6x7.36x2.36in)
- Material: Aluminium/Iron
- Mounting VESA 100

POWER
- Working power: 9...36VDC
- Power consumption: 21W
- Standby consumption: <1W

EXTERNAL CONNECTORS
- 1 x HDMI
- 4 x USB 3.0
- 2 x Ethernet (LAN)
- 2 x WIFI (VLAN)
- 1 x DC-In (connectors screwable): 9...36VDC
- 1 x On/Off button

HARDWARE KEY FEATURES
- Color, touch screen, capacitive, 1280x800 pixels
- Quad core processor
- IP65
- 0...50°C (32...122°F)
- Mounting VESA 100

Part number:
A56V0-10-00 (Compact Platform)
A56V1-10-00 (GENSYS 2.0 Platform)

RELATED PRODUCTS & CABLES
All 56-xx & A53Zxx references controller
Ethernet cable – Ref A53W1

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APPLICATIONS

REMOTE TECHNICAL SUPPORT

A free TeamViewer© license is embedded to allow remote access of your own management system from **CRE TECHNOLOGY** support by using your smartphone in Connection Sharing.

ASSOCIATED MULTI-TOUCH SCREEN DISPLAY & FEATURES HIGHLIGHTS

I4Gen

CRE TECHNOLOGY SUPPORT

WIFI

3G/4G

INTERNET

I4Gen
Up to 128 units
(4 displays per controller)

ETHERNET HUB

CRE TECHNOLOGY CONTROLLER
switchboard or core base version, up to 32 units