



ETC6076 Burner Management Touchscreen Interface

The ETC6075 is an innovative Burner Management Touchscreen Interface that integrates seamlessly with the ETC6000 range of Integrated Burner and Electronic Ratio Controllers. Designed for smart boiler room systems, Ensuring peace of mind for operators.

Features

- **10.4" TFT Display:** Large, clear touchscreen with 800 x 600 resolution.
- **User-Friendly Interface:** Intuitive operating system, including an online help function
- **Simple Installation:** Connect easily with a 4-wire CANBus system.
- **Third-Party Integration:** Ability to interface with third-party systems.
- **Robust Design:** IP65-rated front panel for enhanced protection when installed in a boiler control cabinet; rear side IP20-rated.
- **Secure Access:** Password-protected commissioning and site operator modes with full access to operating parameters.
- **Global Usability:** Multi-language capability to suit international needs.
- **Real-Time Data Visualization:** Comprehensive graphical representation of all controlled elements.
- **IoT Integration:** This advanced HMI bridges industrial automation with IoT networks, providing a holistic view of burner operations across connected systems.

Benefits

- **Automatic System Backup:** Safeguard all system parameters and profile points, enabling data transfer during controller replacements.
- **Ethernet Compatibility:** Streamline connectivity with Ethernet-enabled operations.
- **USB Functionality:** Convenient local software updates and diagnostic data downloads.
- **In-Depth Data Logging:** Real-time logging, complete with graphical data representation.
- **Extensive Alarm and Event Logs:** Easily track system performance through a detailed history log.
- **Dual Display Option:** Connect a second touchscreen for remote control.
- **Smart Boiler Room Ready:** Empowering modern systems with cutting-edge burner technologies, the interface integrates seamlessly with smart boiler rooms to enhance performance and sustainability.

ETC's wealth of experience, together with market research and customer feedback, has enabled the engineers at ETC to produce an innovative interface that will appeal to all users from installation and commissioning engineers through to the end-users.

The large 10.4" TFT display incorporates all the features of the standard membrane interfaces plus many more. Functionality is no longer restricted by the number of keys or display characters available on a conventional interface. The touchscreen has been developed in line with ETC's philosophy to develop new products that use similar operating conventions to legacy products. Both new and existing users will find the touchscreen intuitive in its use and operation. The home-screen is a graphical representation of the boiler, burner and fuel delivery system. In addition, the current operating status, the values of any installed pressure or temperature sensors and any alarm conditions are also displayed.

During burner start-up, a dedicated pop-up panel appears to indicate progress through the various stages of start-up from proving the closed positions of the drives through to modulation. On burner shutdown, a similar panel is also displayed.

The menu at the bottom of the touchscreen, allows users to initiate functions such as burner start/stop, fuel selection, control mode, alarm handling as well as entering the various operational modes.

The touchscreen display can be customized allowing ETC to work with its customers to design graphics and screen layouts to their exact specifications and requirements. ETC's OEM customers can have products developed that reflect their unique design philosophies and personalities and incorporate their brand guidelines. Restrictions previously associated with language character sets such as Russian and Chinese are no longer issues. The touchscreen bezel can also be supplied to suit customer requirements.

ETC offer custom-designed graphical interfaces and layouts tailored to meet your specifications. Our OEM customers can benefit from unique designs that reflect their own branding, including the integration of logos and trademarks.

Other enhanced features include real-time data logging, Ethernet communications and the option to have a second remote display. A USB port enables operating software to be updated locally.

By entering the password protected commissioning mode, the touchscreen interface allows full burner commissioning to be carried out as well as allowing access to operating parameters that are used to configure the ETC6000 controllers to address a wide range of burner applications.

The ETC6075 serves as the primary interface in the plant master mode, acting as the human-machine interface (HMI) for controlling and monitoring the overall burner or boiler system. While it is not the actual controller, the ETC6075 allows operators to oversee and adjust the operation of multiple burner units from a centralized point. Through this interface, operators can manage load distribution, ensure optimal performance, and maintain safety standards across the entire system, with real-time data on each burner's status and performance being easily accessible. This makes the 6075 an essential tool for efficient plant operation.

If you need further information, a quote or advice for a project, contact us:

Touch the links 

 info@innoburn.com  www.innoburn.com

InnoBurn
Customized Combustion Solutions