

> SIMATIC IFP Flat Panels and SIMATIC ITC Thin Clients

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Siemens has now added highly efficient industrial monitors and thin clients to its range of robust HMI (Human Machine Interface) devices in widescreen format



Available as terminals or operating and monitoring devices with touch screen or key-operated fronts, SIMATIC IFP (Industrial Flat Panels) combined with SIMATIC ITC (Industrial Thin Clients) provide robust long-term availability.

The devices are used for machine-level operator control and monitoring, as well as for linking to remote control or SCADA (Supervisory Control and Data Acquisition) systems. SIMATIC flat panel monitors, with display sizes from 12 to 22 inches, are suitable for connection to industrial PCs at distances of up to 30 meters, while SIMATIC thin clients can be used for distributed solutions involving long distances and multiple stations.

Equipped with die-cast aluminium fronts, they are designed for maintenance-free, 24-hour continuous operation and also meet high-temperature, vibration, shock and EMC requirements. The energy-saving LED background lighting can be continuously dimmed by up to 100 percent and is especially long-lasting and very luminous when used in brightly lit working environments. The widescreen monitors allow a clear display and user interface design as well as offering high resolution and very good readability from all angles.

The Thin Clients are equipped with a 1.2 gigahertz Intel Celeron processor for demanding HMI applications. A large number of functions and interfaces are integrated: a gigabit LAN interface for fast communication with the server, two USB interfaces for saving data on a USB stick or external hard disk, as well as for connecting mouse and keyboard; a web browser and multiple protocols for flexible connection to other systems, such as RDP, SmartAccess for SIMATIC WinCC Sm@rtServer, VNC and Sinumerik.

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