

Tomtech PCI3 Intelligent PC Interface



The PCI3 intelligent interface provides communications between any number of Tomtech computers and a PC computer system. It provides electrical isolation between the PC and Tomtech control systems for maximum reliability.

PC Computer Connections

The PCI3 has two bidirectional communication connections, an RS232 serial connector and a USB connector. Either or both of these may be connected at any time. The interface is supplied with a USB cable for direct connection to a PC.

Typically the USB may be used with a local PC system at the nursery site while the serial connection is used with a modem for dial up access from other locations.

Tomtech Computer Connections

The PCI3 has three Tomtech communication loop connections. Any combination of control computers may be connected to any of these loops. Spreading the computers between the loops increases the data transfer rate.

If there is more than one weather station on a site the PCI3 may be used to separate the communications so that weather station data is not passed between all three loops avoiding the need for two separate interfaces.

Front Panel Display

The PCI3 display displays information about the state of all three communication loops, shows information about any active alarms and warnings, and interface configuration details.

Alarm Outputs

The PCI3 has an internal alarm beeper and volt free connections for an external alarm or telephone auto-dialler.