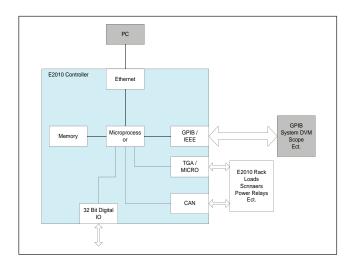
# **DIGITAL CONTROLLER - E2010 Series**

- ETHERNET BASED CONTROLLER
- CONTROLS ALL TEST SYSTEM RESOURCES OVER A SINGLE BUS
- INTEGRATED WEB SERVER
- REMOTE SYSTEM CONTROL

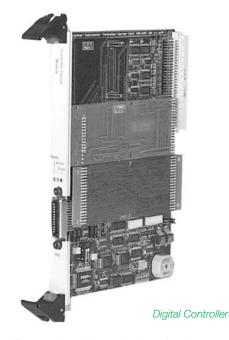
Designed by Intepro engineers to consolidate all system control to a single Ethernet interface bus. It can control up to 128 loads over the internal CAN bus, as well as all other GPIB OEM Instruments and Intepro modules in the system.

## **FEATURES**

- Ethernet to GPIB control
- Web based System Configuration
- Web based System Interactive Control
- Fully Compatible with all previous Controllers
- Supports DHCP, Static IP and Auto IP
- Ethernet based firmware upgrades
- Multi threaded HTTP UDP and TELNET
- Optional 32Bit Digital IO
- Optional RS232/485, I2C and SPI



Digital Controller Block Diagram



The Controller consists of a motherboard and up to two daughter cards. One daughter card contains the high performance risc processor, the other daughter card slot is for the Digital IO, RS232/485, I2C and SPI Interface Busses option.

### Web based Interactive Control

The Web based Interactive control allows the user to interactively control all the Test Systems Hardware via the embedded web server. There is a simple send/receive utility or routines can be setup.

## Web based System Configuration

The Web based System Configuration allows the user to setup the controller and Test System hardware via the Embedded Web Server.

## **Technical Specifications**

Digital Controller Carrier Card	
Input Voltages:	110/230Vac
Operation Temperature:	5°C to 40°C
Storage Temperature:	5°C to 70°C
Humidity:	20% to 80% RH ( non condensing)
Dimensions:	261mm height x 20mm width
Communications Interface:	Ethernet
Ethernet Speed:	10/100base T
Processor Speed:	66MHz
Safety	
Meets the safety requirements laid down in the following standard: IEC 1010	
Options	
RS232/485, I2C and SPI	This optional feature will require the fitting of an additional M-Module card
TX/RX Latches:	Optional 32 Bit Digital IO
Ordering Information	
Part Number	721-0000 (for a 6U Rack)
	722-0000 (for a 1U Assembly)
Description	E2010 Digital Controller



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## INTEPRO SYSTEMS EU/IRELAND

## **UNITED KINGDOM**

## **CHINA**