iProGENIUS
(Programmable Logic Controller - PLC)

- **Hardware Details :**
  - LINUX Operative System.
  - ISaGRAPH® Software.
  - 200Mhz CPU.
  - 32bit Processor.
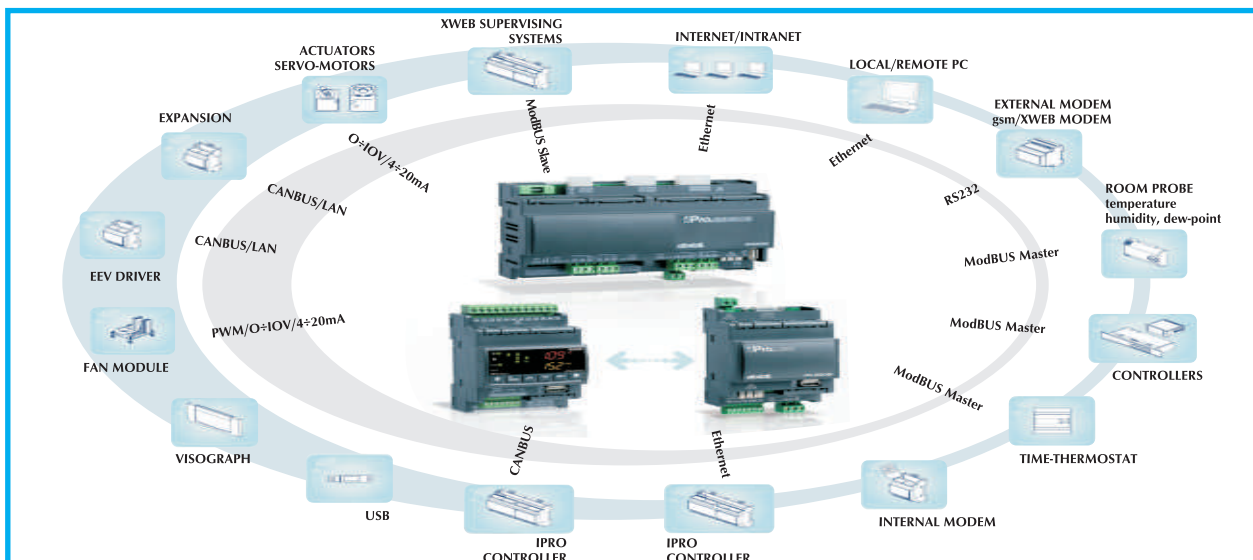 - 32MB RAM Memory.
  - 20VA Power Absorption.
- **Applications :**
  - Complete Compressor Rack Controls (iProRack) new
  - Complete Ammonia Refrigeration system controls new
  - Multiple condenser/ evaporator controls for cold room
  - Typical food processings like vanaspati
  - Pharmaceutical cold storage controls with BMS connectivity
  - Complete Fruit Ripening Process controls new
  - Complete Screw Compressor (with steps / stepless) Management

Touch Screen new

INDIA
Approved

FEATURES

	IPG108D	IPG110D	IPG115D	IPG208D	IPG210D	IPG215D
Power Supply	24Vac/dc-TF20D	24Vac/dc-TF20D	24Vac/dc-TF20D	24Vac/dc-TF20D	24Vac/dc-TF20D	24Vac/dc-TF20D
Display	opt			opt		
Format	4 DIN Rail	10 DIN Rail	10 DIN Rail	4 DIN Rail	10 DIN Rail	10 DIN Rail
Probe Inputs						
0÷1V - 0÷5V - 0÷10V - 0÷20mA - 4÷20mA	6 config	10 config	10 config	6 config	10 config	10 config
Digital Inputs						
Opto-insulated	11 config	20 config	20 config	11 config	20 config	20 config
Relay Outputs						
Configurables	8x5A	9x5A + 1x8A	12x5A + 3x8A	8x5A	10x5A	15x5A
Other Outputs						
PWM for Fan Speed Modules		2 config	2 config			
0÷10V, 4÷20mA for Fan Speed Modules	4 config	2 config	2 config	4 config	2 config	2 config
0÷10V for External Relay Drivers	4 config	4	4	4 config	4	4
Remote Keyboard	1xVGIPG	2xVGIPG	2xVGIPG	1xVGIPG	2xVGIPG	2xVGIPG
Rs485	slave	master / slave	master / slave	slave	master / slave	master / slave
USB	pres	pres	pres	pres	pres	pres
External Modem		GSM, XWEB opt	GSM, XWEB opt		GSM, XWEB opt	GSM, XWEB opt
LAN	pres			pres		
CANBus		pres	pres		pres	pres
Ethernet Enabled		opt	opt		opt	opt
Connections						
Disconnectable + Screw	pres	pres	pres			
Bayonet + Screw				pres	pres	pres
Other						
Internal Modem		opt	opt		opt	opt
RTC	pres	pres	pres	pres	pres	pres
USB-Ethernet Adapter	opt			opt		
Flash Memory	16MB	128MB	128MB	16MB	128MB	128MB

XWEB SUPERVISING SYSTEMS
ACTUATORS SERVO-MOTORS
INTERNET/INTRANET
EXPANSION
LOCAL/REMOTE PC
0÷10V/4÷20mA
EXTERNAL MODEM gsm/XWEB MODEM
CANBUS/LAN
ModBUS Slave
Ethernet
Ethernet
RS232
ROOM PROBE temperature humidity, dew-point
CANBUS/LAN
EEV DRIVER
PWM/O÷IOV/4÷20mA
ModBUS Master
FAN MODULE
ModBUS Master
CONTROLLERS
VISOGRAPH
CANBUS
Ethernet
ModBUS Master
TIME-THERMOSTAT
USB
INTERNAL MODEM
IPRO CONTROLLER
IPRO CONTROLLER

ACCESSORIES

Connectivity Module For VGI, RS485 (M/S), LAN, CANBus

EEV Module

Transformer and Cable Kit

Development Tools

www.kahancontrols.com