AGROWTEK
Technology to Help You Grow

GrowControl™ GC-Pro
Complete Cultivation Controller

Features

- (12) 24Vdc Outputs
  (expandable up to 20 internal, 44 with XO system)
- (2) Analog sensor ports *(expandable up to 4)*
- (4) 24Vdc Discrete Inputs *(for switch sensors)*
- Multi-Zone capable; control 1-4 environments
- AgrowTouch™ screen with alarms & trending *optional*
- Serial port standard; Ethernet port *optional*
- Security levels with password protection
- Heavy duty powder-coated sheet-metal enclosures
- 3-Year full factory warranty – Made in **USA**
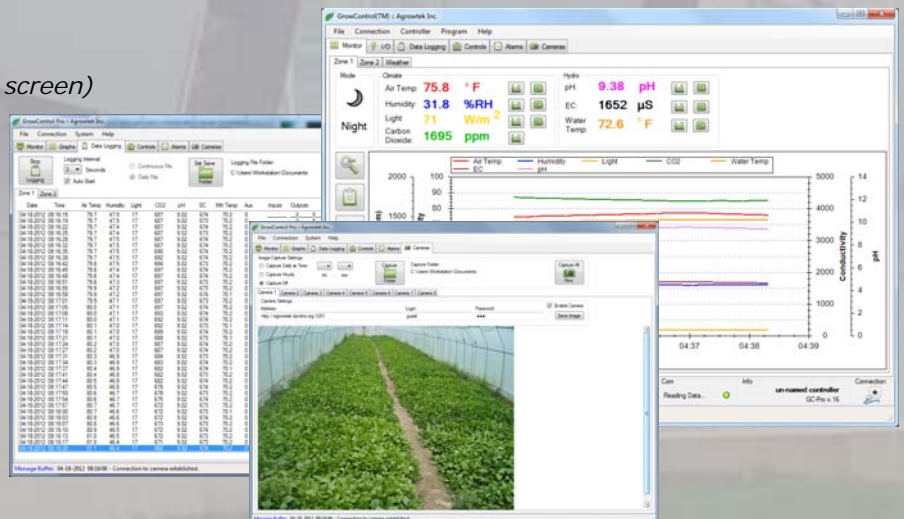
GC-Pro Standard Controls

- (3) Lighting Zones, Hot Fire Prevention
  w/ separate Day/Night Outputs
- (1) Light Flip Box Control
- (8) Multi-Use Thermostats
- (8) Multi-Use Humidistats
- (2) CO2 Injection w/Boost Timer & Ventilation
- (8) 24-Hour Timers, (8) Standard Cycle-Timers (secs, mins or hrs), (4) 24-Hour Scheduled Cycle Timers,
  (4) Off-Delay Timers, (4) 24-Hr Cancel Timers, (4) Re-Start Delay Timers, (4) Hour Meters
- (4) 16-Stage Irrigation Valve & Pump Timer Controls
- (2) Nutrient Dosing Zones, 8 stages w/Batch Dosing and 16-week Recipe Scheduler
- (2) Automatic Reservoir Drain & Fill Controls
- (2) pH Dosing Zones with (1) up and (1) down stage each
- Outdoor Weather Station Monitoring & Control
- High & Low Alarms & Limits, High Temp Lighting Shut-Off

GC-Pro-C Greenhouse Model *(no hydroponics controls)*

- (4) Lighting Zones
- (8) Vent/Shade/Curtain (VSC) Proportional Controls
- (4) Zones Multi-Stage Temperature & Humidity Control
  (6 stages of cooling, 2 stages of heating, humidify & dehumidify per zone)

Fee PC Software

- Local or Remote Internet Access
- Full Control of all Features *(same as touch screen)*
- Password Protected with Login Records
- Graphical Trending; Zoom, Save & Print
- Unlimited Data Logging to .CSV
- Camera Integration & Image Capturing
- E-Mail Alerts for Alarms
- Easy to Use
- Frequently Updated

Made in U.S.A.

Hydroponics Sensors
- *pH*
- *Conductivity*
- *Water Temp*

Climate Sensors
- *Air Temperature*
- *Relative Humidity*
- *Light Meter*
- *CO2*

Weather Station
- *Wind Speed*
- *Wind Direction*
- *Temperature*
- *Sun Light*

Auxiliary
- *Temperature Probes*
- *Light Sensors*
- *Door, Float switches etc.*

Remote Monitoring & Control

RS232 standard

Ethernet optional

Camera Monitoring

Cultivation Control System

GrowControl™
GC-PRO AGROWTEK
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MADE IN U.S.A.

AgrowDose™
Dosing Pumps

MX
Motor Controllers

Equipment Relays

RX1

Relay Modules Connect the GC-Pro's 24Vdc outputs to Agrowtek's relays to control equipment.

RX Relays feature independently controlled 120V outlets.
CX Contactors feature simultaneously controlled 120V or 240V outlets (for light banks, fans, etc.)
RD 'dry contact' relays interface directly with HVAC inputs and existing electrical relay/contactor panels.

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