

Facility Security Management

By Global Electronics, Ltd.

Serving the Self Storage Industry Since 1995



Superior Facility Access, Security & Delinquency Control For the discriminating Facility Operator!

Product Overview Brochure

01/31/2018



Quality ~ Price ~ Service

Global Electronics, Ltd. Serving the Self Storage Industry Since 1995













Self Storage Technology

Self Storage Owners and Operators leverage technology to automate the processes involved in operating, controlling and monitoring today's modern Self Storage Facilities. A properly designed facility can enjoy a much higher return on investment, lower churn and better, more consistent cash flow and operating profit.

Requirements differ for many reasons including local demographics, targeted client Tenants, targeted stored items and competition. In some cases, a single entry and exit keypad is adequate. In others, the additional security of a dual entry "air lock" environment is more appropriate or feature Keypad Zone/Area controls creating segregated Facility Sections. Keypad Controls and Elevator Controls allow only those tenants who have Units and privileges to enter these controlled Facility Sections. In addition, widely utilized Unit Monitoring and Alarming either by installed controls or individual, rentable Alarm products in combination with one or more of the above technologies provides each Facility with the Security it requires. Axcys offers products which can tie one or more of these together.

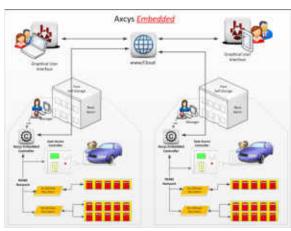
Modern Facilities incorporate Facility Graphics technology to create a Control Center. Managers get a real time view of all Facility activity, Prospective tenants understand the depth and seriousness of your security and thieves are deterred. In addition, integration with your Rental Management Software, CCTV, Perimeter Alarm and Elevator Control Systems and Fire Systems create a completely Controlled Environment.

While integration is critical, flexibility is often the key to providing solutions to unique requirements. A Provider with the depth of knowledge, will look "outside the box" to provide a far better solution than one without experience, expertise or who relies on outdated Products or Technology. Key to achieving this is, is to select the right combination of manufacturer and approved installation partner that has the experience and a complete understanding of the nuances of Self Storage.

The manufacturers depth of product line, and an active R&D department in combination with the installation partners design and local after-sales support that ensures that the solution remains current, maintained and above all operationally relative to changes in technologies and Self Storage needs.

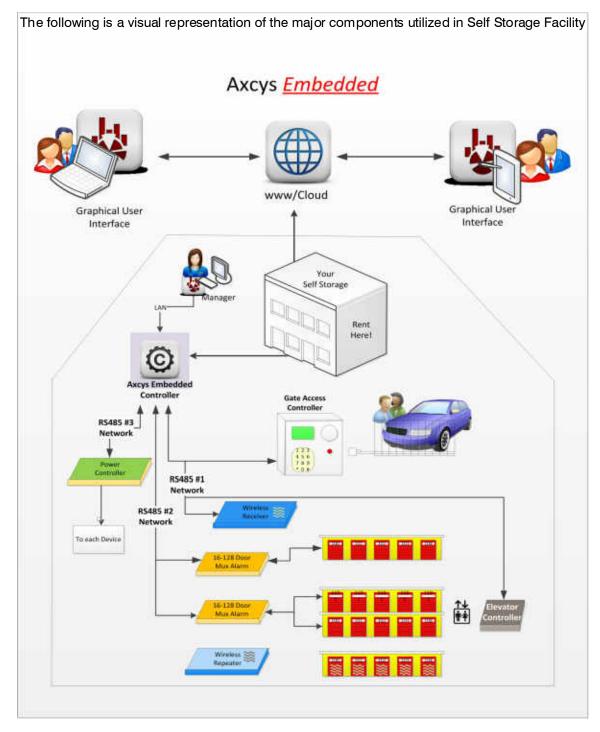
Global Electronics, and its installation partners have the experiece, depth of knowledge and know-how to properly understand the nuances of the Self Storage Industry and provide unique solutions to Customers World Wide, exceeding the requirements and expectations of the most discriminating Self Storage Facility Owner/Operator.







How Self Storage Technology Works



















AXCYS

Axcys Facility Security Management Workstation Remote Connections with Real Time Data and Reporting! Web Enabled Facility Management Software

AXCYS

Automated

Web Enabled

Access Control

Facility Security

Elevator Control

Unit Alarms

Real Time Reporting

Facility Alarming

Facility Graphics

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Feature Highlights	 Facility based Controller and Data remains physically on site thereby ensuring operation with or without intermet connectivity LAN/WAN or Internet Connectivity to Controller Controller 100% independent of User Interface Off-Line User Interface reports generation Graphical Dashboard style main screen Real Time Remote Status Real Time updating of all actions including Property Management System Access Control Unit Monitoring Facility Alarming Gate Monitoring Door Monitoring Independent switching peripheral control Keypad Zone Control Alarm Zone Control Alarm Zone Control Device Tamper Monitoring and User Notification Every action saved and reportable. None are deleted or deleteable. Extensive credential management Email and Text Messaging Notifications Works with Globals Existing and Future Products World Wide - Major Property Management Systems Supported Unlimited Remote Devices Unlimited Tenants
Optional Features	Windows/Linux/iOS/MAC OS Platforms Offsite Backups Automatic Upgrades Automatic I/O Redundancy Multi-Facility Login Control Center Style Multi-Facility Visibility *coming Fingerprint Reader Login Security *coming Email and Text Messaging Notifications Easy to use DiagnostyX and Device Programming Tools Very fast response to Tenant entry requests
Technical Features	Multiple I/O Communication Balancing Automatic I/O Redundancy
Installation Features	 Comes already configured for *your* facility, operationally ready Windows/Linux/MAC OS Platforms available Conversion Services available Use existing Global Electronics Hardware Support Parallel, Star, Tree or any combination of wiring topography designs
Maintenance Features	Automatic UpdatesAutomatic UpgradesAutomatic Backups













Feature Highlights	Control Room Style Real Time Viewing Suitable for Very Large Screen or Personal Viewing Small Screen Door Changes of State - Open/Closed Alarms Keypad Activity Tenants On Site Elevator Activity Vacant Units Rented Units Reserved Units Suspended Units (Locked Out) Units In Maintenance Multiple Floors Your Logo on Screen * LAN/WAN or Internet Connectivity to Facility Data*
	Unlimited Remote Devices Unlimited Tenants
Optional Features	Windows/Linux/MAC OS Platforms Multi-Facility Login* Control Center Style Multi-Facility Visibility Your Logo On Screen
Installation Features	Comes already configured for *your* facility, operationally ready Windows/Linux/MAC OS Platforms available Conversion Services available



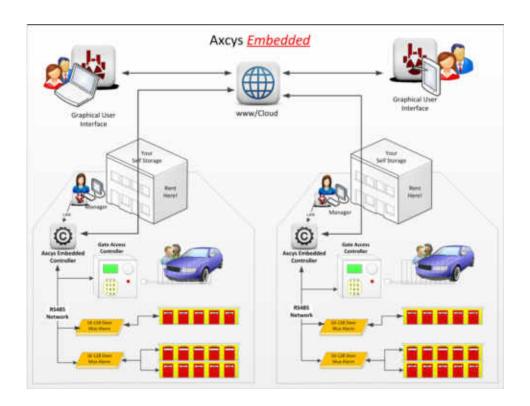
^{&#}x27;* requires optional module



Axcys Leverages Internet Connectivity Benefits!

The Axcys Facility Security Management System provides Self Storage Owners, Operators and Managers with the unique ability to obtain real time information from any computer connected to the Internet, anywhere in the world, at any time! Axcys combines highly automated, completely controllable, Facility Based Control Equipment with Flexible User Interface Software. Should the Internet fail, the facility continues to operate, as usual - without any interruption.

Axcys Leverages the "anywhere" Connectivity Benefits of the Internet, while maintaining the autonomy and security of Installed Facility Control. On Site Managers and peripheral products available from Global such as Facility Graphics, Gate Position Detectors and other unique sensing technology products may connect directly to the Control System using the Facility LAN, or through an Internet Connection.







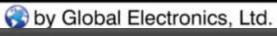












System Controllers	Axcys 8-91000 System Controllers	Axcys Embedded 8-99000 Series System Controller	Desktop Communicator
Standard Features	No PC Required! Dual or Quad Core Processor Win7 or Win10 or Linux Expandable for changing needs Fast SSD Non-Volatile Storage RS485 Remote I/O Module Quad Remote I/O Channels Available Tamper Detector/Protection Remotely Controlled/Login LED Indicators Power Supply Included Short Circuit Protection Current overload protection EtherNet, WiFi, Blue Tooth Options Mix and Match with Legacy, Future and Existing Global Products Wide Temperature -30C to +70C Solid State Memory	No PC Required! Quad Core Processor Linux Operating System Optimized for all Facilities sizes Expandable as your Facility grows Fast Non-Volatile Storage Single RS485 Remote I/O Channel Tamper Detector/Protection Remotely Controlled/Login LED Indicators Power Supply Included Reverse polarity protection Short Circuit Protection Current overload protection EtherNet, WiFi, Blue Tooth included Mix and Match with *Legacy, Future and Existing Global Products Wide Temperature -30C to +70C Solid State Memory	Lowest Cost User YOUR PC as Controller LED Indicators for PC Connection, TXD and RXD USB or Serial Connectivity 5V Power Supply Included Reverse polarity protection Short Circuit Protection Current overload protection Mix and Match with Legacy, Future and Existing Global Products Designed for Large or Complex Facilities requiring many Access Points, many Unit Monitoring Devices or other Remote Devices while maintaining very fast response to Device Request. Requires a PC
Programmable Features	Device Addressing Date Format US/UK/EU Time Format 12Hour/24Hour Formats 100% User programmable messages Communication Timing	Device Addressing Date Format US/UK/EU Time Format 12Hour/24Hour Formats 100% User programmable messages Communication Timing	 Device Addressing Date Format US/UK/EU Time Format 12Hour/24Hour Formats 100% User programmable messages Communication Timing
Optional Features	Additional RS485 Remote I/O Channels Up to 4 I/O Channels including wireless Windows 7, Windows 10, Linux Battery Backable Very Wide Temperature -40C to +80C	Additional RS485 Remote I/O Channels Linux Battery Backable Very Wide Temperature -40C to +80C	Battery Backup Available Works with Windows 7, Windows 10, Linux (untested) Very Wide Temperature -40C to +80C
Installation Features	Use existing wiring Support Parallel, Star, Tree or any combination of wiring topography designs 12V Power Supply Included	Use existing wiring Support Parallel, Star, Tree or any combination of wiring topography designs 9V 3A Power Supply Included	 Use existing wiring Support Parallel, Star, Tree or any combination of wiring topography designs 5V Power Supply Included
Maintenance Features	Modular Design for easy field Upgrades and Repair Low Maintenance	Modular Design for easy field Upgrades and Repair No Maintenance	Modular Design for easy field Upgrades and Repair No Maintenance
Warranty See website	1 Year	1 Year	1 Year



New! Hi Contrast OLED Display!

Great for day and night!
Supports US/UK/EU and Eastern European/Russian Fonts!

















Access Controls	E-9000	E-8000	P-7100
Standard Features	 Large 4 Line x 20 Character LCD Display Audible and Tactile Feedback Easy night time viewing Backlit Touchpad and Display Large, Metal Key Touchpad All Metal, Anti-Vandal Touchpad Supports Most Languages Powder Coated Aluminum Case Welded case edges and Gaskets for trouble free operation Fused Relay Available in Wired and Wireless Configurations Mix and Match with Legacy, Future and Existing Global Products Wide Temperature -40C to +85C Security Fasteners 	Large 2 Line x 20 Character LCD Display Audible and Tactile Feedback Easy night time viewing Backlit Touchpad and Display Large, Metal Key Touchpad All Metal, Anti-Vandal Touchpad Supports Most Languages Powder Coated Aluminum Case Folded case edges and Gaskets for trouble free operation Fused Relay Available in Wired and Wireless Configurations Mix and Match with Legacy, Future and Existing Global Products Wide Temperature -40C to +85C Security Fasteners	 Extremely Small Size 114.3mm x 63.5mm Audible and Tactile Feedback LED indicators Backlit Touchpad All Metal, Anti-Vandal Touchpad Powder Coated Aluminum Coverplate Fused Relay Perfect for the tightest of applications Mix and Match with Legacy, Future and Existing Global Products Wide Temperature -40C to +85C Security Fasteners
Programmable Features	 Device Addressing Automatic Relay Enable if No Communication Date Format US/UK/EU Time Format 12Hour/24Hour Formats 100% User programmable display messages Communication Timing PIN Mask (hides PIN as Entered) User programmable instructions displayed in any supported language 	Device Addressing Automatic Relay Enable if No Communication Date Format US/UK/EU Time Format 12Hour/24Hour Formats 100% User programmable display messages Communication Timing PIN Mask (hides PIN as Entered) User programmable instructions displayed in any supported language	 Device Addressing Automatic Relay Enable if No Communication Communication Timing
Optional Features	 Extremely Bright, high contrast OLED Display Eastern European & Russian Fonts VolP Intercom - Internal Aiphone Compatible Intercom - Internal Color Pinhole Camera Contact-less Sensor Fingerprint Reader Metalized Polycarbonate Touchpad Rubber Touchpad 	Extremely Bright, high contrast OLED Display Eastern European & Russian Fonts Metalized Polycarbonate Touchpad Rubber Touchpad	
Installation Features	 Mounting holes provided mate to many existing competitors Easy 15 Min Competition Upgrade Use existing wiring and power supplies Support Parallel, Star, Tree or any combination of wiring topography designs Wide Input Voltage 7V to 24V [18 Nominal] 	 Mounting holes provided mate to many existing competitors Easy 15 Min Competition Upgrade Use existing wiring and power supplies Support Parallel, Star, Tree or any combination of wiring topography designs Wide Input Voltage 7V to 24V [18 Nominal] 	 Use existing wiring and power supplies Support Parallel, Star, Tree or any combination of wiring topography designs Wide Input Voltage 7V to 24V [18 Nominal]
Maintenance Features	Modular Design for easy field Upgrades and Repair Low Maintenance	Modular Design for easy field Upgrades and Repair Low Maintenance	Modular Design for easy field Upgrades and Repair Low Maintenance
Warranty - See website	1 Year	1 Year	1 Year















Unit Monitoring	16.100 Unit Multiplayed Mayro	Competitor Upgrades	Wireless Base &
	16-128 Unit Multiplexed Alarm	Cost Effective Replacement	Repeater
Standard Features	 Available in 16 unit increments up to 128 doors Powder Coated Aluminum Case Tamper Detector/Protection Mix and Match with Wireless Unit Monitors Two Dry Fused Relay Contacts Available in Wired and Wireless Configurations Mix and Match with Legacy, Future and Existing Global Products Wide Temperature -40C to +85C Security Screws 	 Drop In Replacement for Competitors Product 1 Hour Change Over Use Existing Infrastructure Use Existing Power Supplies Low Cost Available in 1-96 Doors, in 16 Door Increments Tamper Detector/Protection Two Fused Relays Available in Wired and Wireless Configurations Mix and Match with Legacy, Future and Existing Global Products Wide Temperature -40C to +85C Security Screws 	 Wireless Designed Expressly for UK/EU/US Self Storage LED indicators Supports an Unlimited Number of Wireless Alarm Units 5V Power Supply Included Available in Wired and Wireless Configurations (communication with Controller) Mix and Match with Legacy, Future and Existing Global Products
Programmable Features	Device Addressing Date Format US/UK/EU Time Format 12Hour / 24Hour Formats Communication Timing Mux/Door Sensitivity	Device Addressing Date Format US/UK/EU Time Format 12Hour/24Hour Formats Communication Timing Mux/Door Sensitivity	Device Ad dressing Date Format US/UK/EU Time Format 12Hour/24Hour Formats Communication Timing Mux/Door Sensitivity
Optional Features	Specify number of Doors in 16 Door Increments up to 128 Doors Very Wide Temperature -40C to +85C	Specify number of Doors in 16 Door Increments up to 128 Doors Very Wide Temperature -40C to +85C	Extremely Bright, high contrast OLED Display Eastern European & Russian Fonts
Installation Features	Support Parallel, Star, Tree or any combination of wiring topography designs Wide Input Voltage 7V to 24V [18 Nominal] Easy Pin Compatible Competition Upgrade Use existing wiring and power supplies	 Easy 15 Min Competition Upgrade Use existing wiring and power supplies Support Parallel, Star, Tree or any combination of wiring topography designs Wide Input Voltage 7V to 24V [18 Nominal] 	 Desktop Anywhere Mount Easy 15 Min Competition Upgrade Use existing wiring and power supplies Support Parallel, Star, Tree or any combination of wiring topography designs Wide Input Voltage 7V to 24V [18 Nominal]
Maintenance Features	Low to No Maintenance Modular Design for easy field Upgrades and Repair Field replaceable fuses at all critical points	Low to No Maintenance Modular Design for easy field Upgrades and Repair Field replaceable fuses at all critical points	Low to No Maintenance Modular Design for easy field Upgrades and Repair
Warranty - See website	1 Year	1 Year	1 Year















Wireless Unit Monitoring	Wireless Mux	Wireless	Wireless	Wireless
	VVIII OIOOO IVIAX	Door Alarm	Container Alarm	RV Alarm
Standard Features	Wireless Designed Expressly for UK/EU/US Self Storage Plug-In Adaptability to Standard Mux Available in 1-128 Doors, in 16 Door Increments Powder Coated Aluminum Case Lock & Key Security Tamper Detector/Protection Mix and Match with Wireless Unit Monitors Two Fused Relays Available in Wired and Wireless Configurations Mix and Match with Legacy, Future and Existing Global Products Wide Temperature -30C to +70C	Wireless Designed Expressly for UK/EU/US Self Storage Create new revenue streams: 1. Rentable 2. Sell Alarm, Rent Service 12+ month battery life Easy DIN Rail attachment Tamper Protection Extremely Small Size 114.3mm x 63.5mm LED indicators Perfect for the tightest of applications Bi-Directional communication All signals confirmed Plug in Contacts	Wireless Designed Expressly for UK/EU/US Self Storage Create new revenue streams: 1. Rentable 2. Sell Alarm, Rent Service 12+ month battery life Easy DIN Rail attachment Tamper Protection Extremely Small Size 114.3mm x 63.5mm LED indicators Perfect for the tightest of applications Bi-Directional communication All signals confirmed Plug in Contacts	Wireless Designed Expressly for UK/EU/US Self Storage Create new revenue streams: 1. Rentable 2. Sell Alarm, Rent Service 12+ month battery life Easy DIN Rail attachment Tamper Protection Extremely Small Size 114.3mm x 63.5mm LED indicators Perfect for the tightest of applications Bi-Directional communication All signals confirmed Plug in Contacts
Programmable Features	 Device Addressing Date Format US/UK/EU Time Format 12Hour/24Hour Formats 100% User programmable display messages Communication Timing 	Device Addressing Enable/Disable LED's for Battery Conservation. Debouncing	Device Addressing Enable/Disable LED's for Battery Conservation. Debouncing	
Optional Features	Available in Wired and Wireless Configurations	One or Two Contacts per Unit Internal Contacts	One or Two Contacts per Unit Internal Contacts	Cigarette Lighter Power
Installation Features	 Easy 15 Min Competition Upgrade Use existing wiring and/or power supplies Support Wireless, Parallel, Star, Tree or any combination of wiring topography designs Wide Input Voltage 7V to 24V [18 Nominal] 	Easy 2 Screw DIN Rail Install Positive locking DIN Rail Mounting and removal Mount Inside or Outside Unit Mount anywhere, does not need to be next to door or contact.	Easy 2 Screw DIN Rail Install Positive locking DIN Rail Mounting and removal Mount Inside or Outside Unit Mount anywhere, does not need to be next to door or contact.	
Maintenance Features	Modular Design for easy field Upgrades and Repair Low Maintenance	Low Maintenance Serviceable batteries	Low Maintenance Servicable batteries	Low Maintenance
Warranty - See website	1 Year	1 Year	1 Year	1 Year















Elevator Controls	Elevator Controller
Standard Features	Available in 4,8 and 16 Floors models Manual Over Ride Software Controlled Over Ride Fully Automatic Powder Coated Aluminum Case Welded case edges for trouble free operation Lock & Key Security Tamper Detector/Protection Fused Relay Control Available in Wired and Wireless Communication Configurations Mix and Match with Legacy, Future and Existing Global Products Wide Temperature -40C to +85C
Programmable Features	Device Addressing Automatic Over Ride if No Communication Communication Timing
Optional Features	Available in 4,8 and 16 Floors models Additional Floors may be added by increasing the number of installed Elevator Controllers.
Installation Features	 Use existing wiring and power supplies Support Parallel, Star, Tree or any combination of wiring topography designs Wide Input Voltage 7V to 24V [18 Nominal]
Maintenance Features	Low to No Maintenance Modular Design for easy field Upgrades and Repair
Warranty - See website	1 Year















Power Providers			
	Power Controller	Intelligent Power	Standard Power
Standard Features	 Two discrete fused channels Remotely Controlled Custom Configurable Relay On/Off Time Plastic Case LED Indicators Fused Relays 5A Relays Available in Wired and Wireless Configurations Mix and Match with Legacy, Future and Existing Global Products Wide Temperature -40C to +85C 	 Two Discrete Power Zones System Monitored Battery Backed Auto Switch from AC to Battery System Notified on AC Power Fail Discrete Fused Channels Two Independent Outputs Per Channel Remotely Controlled Custom Configurable Relay On/Off Time LED Indicators Available in Wired and Wireless Communication Configurations Mix and Match with Legacy, Future and Existing Global Products Wide Temperature -40C to +85C 	Reverse polarity protection Short Circuit Protection Current overload protection Mix and Match with Legacy, Future and Existing Global Products
Programmable Features	 Device Addressing Communication Timing Power Interruption/Reset Timing 	 Device Addressing Power Interruption/Reset Timing 	
Optional Features	Very Wide Temperature -40C to +85C	Very Wide Temperature -40C to +85C	
Installation Features	Use existing wiring Support Parallel, Star, Tree or any combination of wiring topography designs Provides nominal 18V Regulated DC power at the specified current.	Use existing wiring Support Parallel, Star, Tree or any combination of wiring topography designs Provides nominal 18V Regulated DC power at the specified current.	 Use existing wiring Support Parallel, Star, Tree or any combination of wiring topography designs Provides nominal 18V Regulated DC power at the specified current.
Maintenance Features	Modular Design for easy field Upgrades and Repair Low Maintenance	Modular Design for easy field Upgrades and Repair Low Maintenance	Modular Design for easy field Upgrades and Repair Low Maintenance
Warranty - See website	1 Year	1 Year	1 Year













Peripheral Devices	Gate Position Monitor	Door Monitor	
Standard Features	Tells the System the position of the Gate - Closed/Open/Between Available in Wired and Wireless Configurations Mix and Match with Legacy, Future and Existing Global Products Wide Temperature - 40C to +85C	 Tells the System the position of the Man Doors - Closed/Open Available in Wired and Wireless Configurations Mix and Match with Legacy, Future and Existing Global Products Wide Temperature - 40C to +85C 	•
Programmable Features	Device Addressing Communication Timing	Device Addressing Communication Timing	
Maintenance Features	Modular Design for easy field Upgrades and Repair Low Maintenance	Modular Design for easy field Upgrades and Repair Low Maintenance	 Modular Design for easy field Upgrades and Repair Low Maintenance
Warranty - See website	1 Year	1 Year	1 Year



Low cost twin keypad kit



About Global Electronics, Ltd.

Global Electronics, Ltd., established in 1995, is a privately held Arizona Corporation. The manufacturing facility is located in Chandler Arizona at 500 N 56th Street, Suite 15, Chandler Arizona 85225. The company was originally founded as a contract manufacturer - manufacturing other companies product for them. Global began manufacturing for the Self Storage Industry in December 1995 when contracted by Mini Storage Technology Corporation (MSTC). Although no longer contracted by MSTC, Global continues to manufacture and support MSTC electronic devices for customers throughout the world!

In 1998 Global began design and engineering for its products. Since then, there have been many new products which emerged from Global to support the Self Storage Industry. Our R&D Department is continually developing product ideas as "proof of concept". Those that offer excellent customer value and provide meaningful functionality to Self Storage Facilities are added to Global's product line.

Global is one a the few in the Self Storage Industry that performs most all operations within its factory. Design of all types including hardware, software, electronic and mechanical are all performed within our plant by highly skilled and experienced personnel. Global's manufacturing facility has been organized to effectively manufacture all of its products in a very efficient manner, enabling us to provide very high quality products at a competitive price. Further, having all aspects of manufacture under our direct control, engineering can quickly produce prototypes, monitor the production quality of every product at every stage of manufacture!

Global has invested heavily in manufacturing technology. Using the latest in robotic machinery and combining with skilled labor our products are the **finest** in the industry!

All information contained herein is subject to change, without notice, including product names, specifications and availability. Note some items are subject to additional costs and licensing restrictions. Consult your local Partner Provider or Global for more information or questions.

Global welcomes customer product requests, criticism and praise. Please contact us with all of your feedback!

CustomerCare@global-electronics.com