r•TC
Remote Tunnel Controller
by LAGUNA IND.

r-TC4000
SPECIFICATIONS
- OUTPUTS: 40
- INPUTS: 20

r-TC6000
SPECIFICATIONS
- OUTPUTS: 60
- INPUTS: 30

r-TC8000
SPECIFICATIONS
- OUTPUTS: 80
- INPUTS: 40

Now Available Up to 300 Outputs / 150 Inputs

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REMOTE ACCESS

The Remote Tunnel Controller offers you the flexibility to manage your site from anywhere. The r-TC features a Web interface which is used to allow remote computers to connect to the r-TC and monitor or configure the car wash. All configurable aspects of the car wash are accessible though the r-TC's Web Interface. You can program your tunnel remotely without interrupting the flow of business. Access detailed reports from your on or off-site offices. Update your tunnel with new packages or pricing. Remove the guesswork for express exteriors, where no technician is on-site by giving technicians a tool to remotely diagnose the problem.
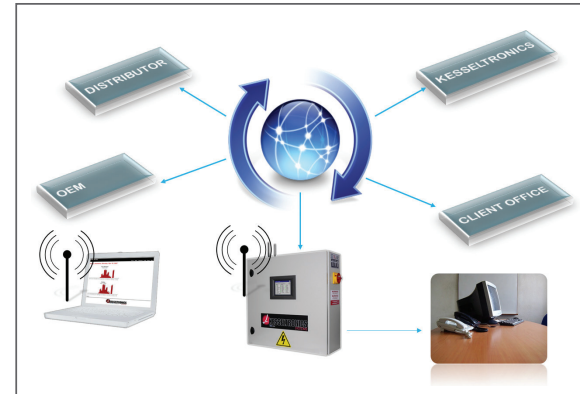
A car wash will typically offer different levels of car washing services to their clients. For an additional cost, extra washing and waxing can be included. The web interface allows these different car wash packages to be developed and configured.

ADVANCED FEATURES

Utilizing the newest technology, the r-TC incorporates an unprecedented number of advanced features. Monitor car length and shape, chemical levels and usage with built-in ultrasound inputs. Measure hot water temperatures and ambient air temperature with temperature sensors. In addition to traditional diagnostics, these tools quickly alert you to any potential problem in your tunnel.

VIVID DISPLAY

The large touchscreen display is user-friendly. On-site maintenance and programming benefits from the clear, graphical feedback. The LCD screen on the push button station (PBS) assists in alerting you to the on-going status of your tunnel. Emailed alerts warn of potential or current conditions in the tunnel. Standard features include auto pulse, auto gate, anticollision, look ahead, entrance sign, wetdown, choice to program with pulses or inches and vehicle stacking are all included in the r-TC.

WHAT MAKES OUR CONTROLLER SO SPECIAL?

SIMPLE INSTALLATION

- Reduced Install Time / Reduced Wiring
- MCC/r-TC Combo Simplifies Wiring
- Distributed I/O Limits Wiring to Connecting Power and Ethernet Cables
- TCP/IP-e nabled PBS
- Pre-Wired VFD Outputs (Variable Frequency Drive)

EASY CONFIGURATION

- Web Enabled – Friendly web interface for configuring your car wash
- Remote Programming – Program your system wirelessly from a laptop in a convenient location
- Equipment Based Programming – Think in terms of equipment, not outputs
- OEM Specific Equipment Definition Files – XML files simplify programming
- Door Control
- Loading Sign Control
- Advanced Building Management

SELF LOADING FEATURES

- Building Management
- Sump Pump Outputs
- RO Bay Window Washer
- Air Makeup Unit Control
- Entrance/exit Door Control
- Air Curtain, Air Doors & Overhead Doors
- Auto Start
- Auto Rollers
- Loading Sign Control
- Safety Shutdown
- Exit Anti-Collision
- Car Progress Detector
- Auto Stacker
- Loaded Gate Control
- Additional Options
- Pre-mounted in Motor Control Panel
- Remote Communication / Diagnostics
- Tunnel Entrance Keypad
- Motor Control Center
- Reports & Receipt Printer
- Solid State Relay Outputs
- Full VGA Screen
- Tunnel Entrance Keypad (PBS-4000)
- Advanced Entrance Keypad
- Conveyor Pause Function
- Built-In Prep-Gun Timers
- Built-In Emergency Stop (hardwired)
- 23 Programmable Keys with LCD Display
- Vital Input State Indicators (Gate, Pulse, etc.)

REMOTE ACCESS

- Web Interface
- Access from any Internet Terminal
- Remote Programming
- Remote Reporting
- Remote Updating
- Remote Management
- Remote Troubleshooting
- Program While System is Running
- Secure Package Building
- WiFi Enabled (encrypted access)

ADVANCED FEATURES

- Preventative Maintenance
- Ultrasound Sensors
- Temperature Sensors (water, air, etc.)
- VFD outputs (variable frequency drive)
- Alarm History Log
- Email Alerts and Reports
- Black Box Recorder

ADDITIONAL FEATURES

- Color Touchscreen
- Equipment-Based Programming
- Modbus Interface
- Industrial Strength Noise immunity
- Industrial MMI
- Easily Expandable
- Shift and Period Reports
- Employees Tracking