

QarVision RPTM

Elevator Performance Analyzer for Rack & Pinion Elevators

- Fewer callbacks
- No "Running on Arrival"
- Leverage experienced personnel
- Go Green

QarVision RPTM is a remote diagnostic instrument that lets you monitor and evaluate your equipment from a distance of 1 foot to thousands of miles. It is designed with features to meet the special needs of industrial elevators and construction hoists.

Travel is costly for the maintenance company, and down time is very expensive to the customer. When used remotely, the QarVision RPTM system can help you troubleshoot a problem before you go to the site. This allows you to send the right people, have the needed parts on hand, and know exactly what you will do when you get there. You get **fewer and less expensive callbacks**.

You can't have your technician watching the elevator 24/7. But QarVision RPTM can be there for you, recording every trip. This makes it ideal for finding intermittent problems, and **eliminates the "running on arrival" problem**.

You can't always send your best technicians to each elevator, but they can analyze problems from wherever they are. Using QarVision RPTM over the Internet, you can **leverage your most experienced personnel**. They can easily work with another technician in a different location, see the same data, watch the elevator's real-time operation, and help in the diagnosis.

Concerned about **saving energy**? QarVision RPTM can tell you exactly how much energy your elevator uses - trip by trip.

Know what your elevator is actually DOING, not what the controller is telling it to do, from:

- inside the car
- your truck
- your office
- just about anywhere

How do you know where you're going ... If you don't know where you've been?

Designed to meet the special needs of industrial elevators and construction hoists, QarVision RP™ is a remote troubleshooting system for elevator owners and technicians. It is independent of the elevator and its controller, enabling its use on any equipment, regardless of age or manufacturer. No modification to the elevator equipment is needed. QarVision RP™ is easy to install, and portable. Install it permanently, or just when you need it for that difficult job.

QarVision RP™ can run unattended for years before filling its memory, making it ideal for identifying intermittent problems. It detects and records:

- Date and time of every trip
- Acceleration/deceleration
- Motor current
- Motor temperature
- Control cabinet temperature
- VFD alarms and faults
- Speed
- Position of gates
- Number of gate actions
- Line power
- Energy usage
- Unintended movement
- Number of trips
- Duration of trip
- Total running time
- Wind speed (optional)



QarVision RP™ is unlike other test equipment. The sensing, control, decision making, and data recording functions are contained in a small, weatherproof box that can be placed on the top of the car or in the control cabinet. There is no control panel. Instead, you do everything from a remote device, like a handheld computer, phone, or laptop.

Our unique wireless design lets you perform tests and retrieve data without interfering with elevator service. Several different screens present the information that you need in a graphical, easy to learn form. We can even support different languages, including Japanese. And if you have special monitoring needs, we can customize the system for you.

QarVision RP™ uses WiFi wireless networking technology to link the unit in the car with the handheld computer or laptop nearby. For longer range service, we can provide an optional cellular or DSL connection, enabling you to run the system from anywhere over the Internet. QarVision RP™ looks and works in exactly the same way, no matter where you are.

QarVision RP™ sends alerts and alarms by email or text message. It can also send daily email summaries, with information about trips and usage times.



Travel Summary



Visual Inspection



Current Readings



Acceleration

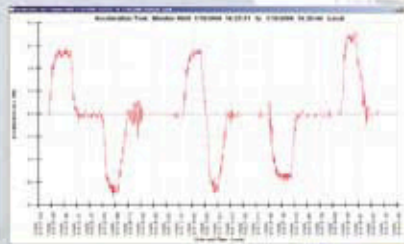


Speed



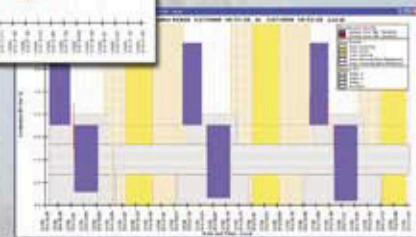
Controller Status

QarVision RP™ is a complete "end-to-end" system for evaluating your elevator's performance, from reading the sensors to analyzing the data in your office. All captured data can be wirelessly retrieved for analysis on a PC or laptop. Our EPM program lets you examine this data graphically, zoom in on details, and see exactly when things are happening. All information is stored in a database for record keeping and input to other programs. EPM generates summary reports, or you can create your own reports using a spreadsheet program.



Acceleration Graph

Trip by Trip Graph



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