

RMIS MAXI CRAWLER (8x8 Drive)

Industrial quality crawler designed and built for the harshest environments and medium to large diameter pipelines. Ideal for short to medium range runs in wireless or tethered configurations.

SPECIFICATIONS

| SYSTEM | SPEC |
|-------------------------------------|-------------------------------------------------------------|
| Power | 120-240 Vac, 60 Hz |
| Capability | Pipelines 350mm to 1800mm (14" to 70") dia |
| Ratings | CE, NRTL |
| Range Wireless | 1000m/3280ft |
| Wireless Repeaters | Quantity Dependant On Pipe Geometry and Material |
| Range Tethered | 500m/1640ft |
| Operational Angle | 40 degrees |
| Operation | Battery or Tethered |
| CAMERA FRONT (Rear Included) | |
| Imager | 1/2.8" Exmor CMOS |
| Resolution | 1980 x 1080 @ 60 FPS Pixels |
| Zoom Lens | 20 x Optical 12 x Digital |
| Pressure Rating | 30m/3bar (98ft/43psi) |
| Features | Auto Shutter, Auto/Manual Focus |
| Illumination | Dimmable 10-LED array |
| Articulation | ±180 Deg Tilt, ±180 Deg Pan |
| Measurement | Computer Vision/Lidar/Sonar |
| Sensing | Temperature/Pressure/Pan/Tilt/Zoom/ |
| Size | 50 x 60 x 90mm (2" x 2.36" x 3.54") |
| Weight | 163g (0.36lb) |
| Materials | Aluminum |
| CRAWLER | |
| Wheels and Motors | 8 |
| Camera | Color Rear-View With Tri-LED Lamp |
| Sensors | Pitch/Roll/Yaw/Heading/Compass/Temperature/Pressure |
| Sensors/Additional | Gyro/Accelerometers/Barometer |
| Pressure Rating | 30m/3bar (98ft/43psi) |
| Body Size Excluding Suspension | 650 x 111 x 90mm (26" x 4.4" x 3.2") |
| Weight | 25kg (55lb) |
| Materials | Aluminum/Stainless Steel |
| CONTROL STATION | |
| Controller | Industrial Joystick/Mouse/Keyboard/Wireless Xbox Controller |
| Controls | Lights/PTZ/Crawler Speed and Direction |
| Video Capture (Configurable) | MPEG-4 (H.256) |
| Image Capture | JPEG/PNG/BMP |
| Storage | Local Hard Drive/External Hard Drive |
| Connectivity | Ethernet |
| SOFTWARE | |
| Control | Ryonic Inspection Suite |
| Reporting | Ryonic Inspection Suite |