

Specification Section – Code E003 / Mobile Pathfinder

- 1 Aries Mobile Pathfinder All-in-One Controller, with features including:**
 - 8.4" color flat screen TV monitor
 - Sealed connector for interconnect cable to reel
 - Camera controls
 - Tractor controls
 - Reel controls
 - Internal digital video recorder
 - VL5000 data display control module
 - Alphanumeric full "QWERTY" keyboard for video titling and report data input
- 1 Storage and transportation case

- 1 Aries PE3530 Pathfinder series zoom, pan & tilt camera w/ high-intensity LED lighting and integrated self-cleaning lens wiper system, including:**
 - Pathfinder zoom pan and tilt camera w/ multi-axis infinite rotation
 - Integrated on-demand self-cleaning lens wiper system
 - 120X zoom (10X optical & 12X digital)
 - High-resolution 480(V) x 720(H) output
 - Auto-focus with manual override
 - Auto-iris with manual override
 - Maintenance-free forward-facing white LED lighting located in the camera forks
 - Maintenance-free directional white LED lighting that follows the camera's field of view
 - White balance optimization with (4) selectable settings
 - High-sensitivity camera sensor for low-light applications
 - "Starlite" low-light level amplification feature with (4) user selectable amplification steps
 - Automatic home feature with forks at side of camera head
 - "One Touch Scanning" feature with (2) user selectable continuous joint scan presets
 - "Quick Look" preset view positions (6) (Up, Down, Right, Left, Lat R, Lat L)
 - Robust, environmentally sealed camera for use in live pipe, including:
 - Scratch-resistant sapphire lens window
 - Camera recessed behind forks for frontal impact protection
 - Camera housing with hardened metal finishes and non-corrosive metals
 - Recessed fasteners & no camera protrusions
 - Proportionately slowed camera movements when zooming
 - Fast-check internal pressure monitoring system
 - On-screen camera diagnostics functions including:
 - Camera internal pressure, temperature, operating hours, internal power regulated voltage value, camera model, serial number, firmware revision, control error recognition, LED current value.
- 1 Camera storage and transport case
- 1 Camera nitrogen recharge kit