

PigCAM® + **INLINE SPEED CONTROL PIG**

EV and INLINE Services are pleased to announce a new technical collaboration focused on advancing Active Speed Control Pigging technology to enhance inspection quality, operational efficiency, and pipeline integrity management.



EV's PigCAM® is revolutionizing pipeline assessment. Using EV's award-winning camera technology, PigCAM® delivers a full 360° view of pipeline interiors, offering unmatched insight into pipeline integrity. Its four-camera and eight-camera array captures high-definition imagery in both fluid and gas environments, giving midstream operators visibility into even the most complex pipeline challenges.

With advanced Visual Analytics displayed through AIVA™, EV's cloud-based asset inspection platform, PigCAM® transforms captured imagery into quantified data and statistical intelligence. This enables operators to visualize, analyze, and interpret inspection results with clarity, supporting data-driven decisions, efficient asset management, and optimized maintenance strategies.

When paired with Inline Services' Speed Control Pig (SCP), PigCAM® inspects natural gas pipelines without requiring drastic flow reductions. The SCP's Active Speed Control system integrates real-time telemetry, autonomous braking, and adaptive control algorithms to regulate tool velocity independently of the product flow rate. This enables consistent inspection speeds, enhanced data resolution, and reduced operational disruptions, particularly in pipelines with variable flow conditions.

PIGCAM® FEATURES

- Up to 96 hours of 25 fps color video
- Four or eight azimuthally aligned cameras (depending on pipeline size) providing a 360° high-definition view of the internal diameter of the pipeline
- Recording time can be continuous or split into unlimited intervals with predefined time delays
- Inclinator
- Odometer
- Temperature indicator
- High-side indicator

PIGCAM® BENEFITS

- Eliminates assumptions and provides highly accurate measurements inside the pipeline
- Combined with conventional data sources to enhance answers and optimize or avoid remedial operations
- PigCAM®'s modular design accommodates various pipeline sizes
- Visual analytics ready to provide rapid data-driven decisions based on precise, quantified images and statistical analysis
- Available on AIVA™, EV's cloud-based asset inspection software

APPLICATIONS

- Internal pipeline evaluations, including general condition assessments, identification of coating defects, cleanliness, and corrosion evaluation
- Identification and quantification of leaks and cracks
- Visual assessment of restrictions and deformation
- Assessments for water mains and other utilities
- Detailed survey and assessment prior to pipeline repurposing

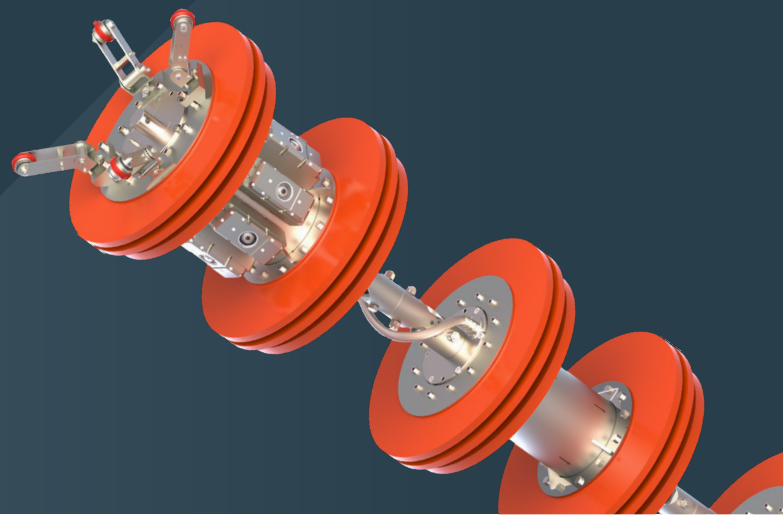
ACTIVE SPEED CONTROL FEATURES

- Tool speed is reduced to a specified efficient rate for high-resolution views provided by PigCAM®
- Onboard electronics record differential and pipeline pressure, imu data (pitch, roll, & yaw), temperature and bypass percentage
- Versatile body design allows for re-configuration of accessories such as magnets, gauge plates, and brushes
- 22hz transmitter for tracking capability
- Redundant odometers provide accurate real-time speed and distance measurements

ACTIVE SPEED CONTROL BENEFITS

- Provides a controlled tool speed vehicle for the PigCAM®
- Capable of long-distance runs up to 200 miles
- Reduced velocity prevents hydroplaning over liquids and debris
- Eliminates the need for drastic reduction in flow providing significant gas-flow savings
- Integrated fail-safe technology



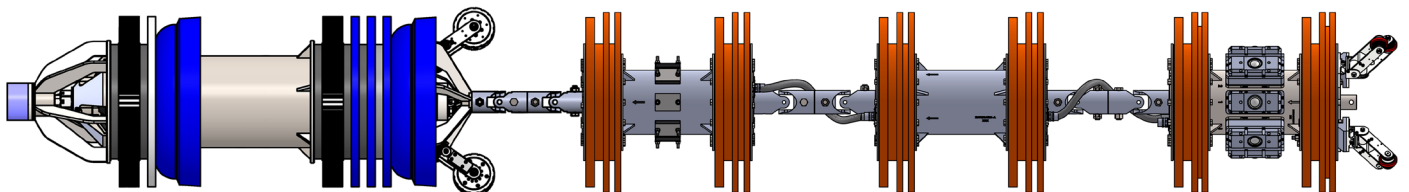


PIGCAM® 4 SPECIFICATIONS

OPERATIONAL DATA	
Run Time	> 24 HOURS
Pipeline Size	12-16" (30.5cm to 40.6cm)
Maximum Operating Speed	12-14" - 0.5m/s (1mph) 16"> 4.5m/s (10mph)
Continuous Operating Temperature	Up to 60°C (140°F)
Maximum Operating Pressure	100 bar (1450psi)
Minimum Bend Radius	1.5D
Power	Lithium Battery x 1 per module
MECHANICAL SPECIFICATIONS (may vary based on pipeline size)	
Tool Length	1.9 m
Tool Weight	140-190kg (309-418lbs)
SENSOR CONFIGURATION + SPECIFICATIONS	
Camera Type	4 x Sideview
Frame Rate	25 fps
Video Resolution	2880 x Infinity Sideview
Field of View	> 360° Circumferential Coverage

INLINE SCP SPECIFICATIONS

OPERATIONAL DATA	
Run Time	> 50 hours
Pipeline Size	16-48" (40.6cm to 121.9cm)
Maximum Operating Speed	4.5m/s (10mph)
Continuous Operating Temperature	Up to 60°C (140°F)
Maximum Operating Pressure	102 bar (1500psi)
Minimum Bend Radius	1.5D
Power	Lithium Battery x 6
MECHANICAL SPECIFICATIONS (may vary based on pipeline size)	
Tool Length	1.01m (3.31ft)
Tool Weight	200kg (441lbs)
SENSOR CONFIGURATION + SPECIFICATIONS	
Max Gas Flow	400mmcf/d - 3.2bcf/d
ShockSensor	0.25g
Memory & IMU	Yes
Failsafe Activation	> Customer specific up to 100hrs



GA Drawing PIGCAM8 & Inline SCU 20-36" for reference only