



AmallGam Ready Cam-Go SRO

AmallGam Oil Tools ReadyCAM-GO SRO records high definition colour down and side view images deployed with its own dedicated umbilical. World leading optical hemispherical recording provides significant operational benefits for operators globally. Bi-directional multiplexed telemetry allows camera control and image viewing at surface.

The revolutionary wide-angle fisheye lens technology on AmallGam ReadyCAM-GO SRO together with HD colour image sensor and constant recording during deployment provides unique capability in a visual inspection tool. The fisheye lens allows full hemispherical recording - 360° horizontal field of view, and 180° vertical field of view which can be viewed, analysed and shared post job using AmallGam Cloud Viewer cloud based platform. Downview and sideview of the well and upper completion are viewable in real-time from surface to target point of interest.

Our Technology Offers



Hemispherical 180° | 360° field of view

- Single lens captures hemispherical image.
- Simultaneous down and side view.
- No moving parts.
- Dynamic zoom, rotate and tilt.



Multiple conveyance methods

- Winch.
- Pipeline Pig.
- Drill pipe.
- Slickline.



Operational Readiness

- Helicopter transportable.
- Dedicated autonomous turn-key system.
- Flush-through drillpipe tool.



Supplementary data

- High side indicator.
- Inclinometer.
- Well temperature.



Image Optimisation

- Variety of digital adjustment for greater image clarity.
- Digital filters dynamically remove suspended particulate from the image.



Compatibility

- Dedicated Umbilical.
- Standard drill-pipe connection – box-up.
- H2S and CO2 compliant.





Features:

- Surface controlled LED intensity, dynamic zoom, rotate and tilt for focused analysis.
- 24hour HD colour recording on the tool in addition to SRO.
- Heli-transportable system.

Benefits:

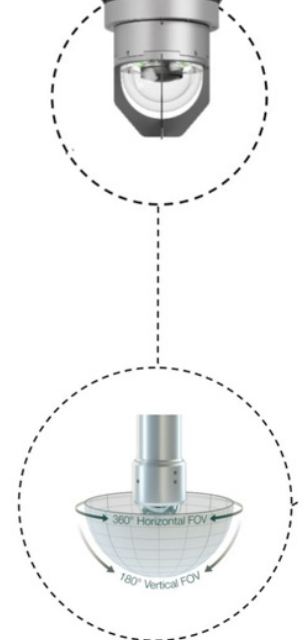
- Advanced wellbore visual diagnostics using unique visual logging capability with detailed post - job total wellbore visual analysis, down and side wall viewing.
- Real-time SRO improving operational efficiency and decision making.
- Self-contained system without the need for wireline or slickline.
- Post job measurement and image optimisation available on AmallGam Cloud Viewer.
- Rendered 3D modelling output (dependent on wellbore fluid conditions).

Applications:

- Subsea wellhead profile inspection.
- BOP internals inspection.
- Upper completion, sealing and thread inspection.
- Dropped and stuck objects, unretrievable components within the upper completion.
- Casing and tubing hanger inspection.
- Support for decommissioning and P&A operations.

Technical Data

AmallGam ReadyCAM-Go SRO	
Tool diameter	4.53"/115mm
Pressure rating	4,350psi/300 bar
Temperature rating	140°F/60°C
Image sensor	Colour HD
Length	6.07ft/1.85m
Weight in air	37.5lbs/17kgs
Conveyance	Wire, drillpipe, winch, pig
Max cable length in SRO	2000ft/600m
Max runtime in memory	- 85 hours with Lithium battery
Centralisation	Multiple options





AmallGam Ready Cam-Go Memory

AmallGam Oil Tools ReadyCAM-GO Memory delivers high definition colour down and side view images deployed on slickline. World leading optical hemispherical recording provides significant operational benefits for operators globally.

The revolutionary wide-angle fisheye lens technology on AmallGam ReadyCAM-GO memory together with HD colour image sensor and constant recording during deployment provides unique capability in a visual inspection tool. The fisheye lens allows full hemispherical recording - 360° horizontal field of view, and 180° vertical field of view which can be viewed, analysed and shared post job using AmallGam Cloud Viewer cloud based platform. Downview and sideview of the well and upper completion are viewable in real-time from surface to target point of interest.

Our Technology Offers



Hemispherical 180° | 360° field of view

- Single lens captures hemispherical image.
- Simultaneous down and side view.
- No moving parts.
- Dynamic zoom, rotate and tilt.



Multiple conveyance methods

- Winch.
- Pipeline Pig.
- Drill pipe.
- Slickline.



Operational Readiness

- Helicopter transportable.
- Dedicated autonomous turn-key system.
- Flush-through drillpipe tool.



Supplementary data

- High side indicator.
- Inclinometer.
- Well temperature.



Image Optimisation

- Variety of digital adjustment for greater image clarity.
- Digital filters dynamically remove suspended particulate from the image.



Compatibility

- Dedicated Umbilical.
- Standard drill-pipe connection – box-up.
- H2S and CO2 compliant.





Features:

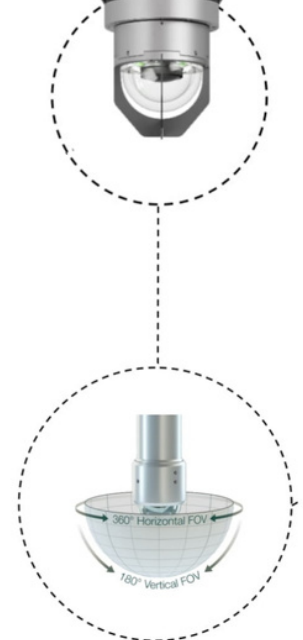
- 24hour HD colour recording on the tool in addition to SRO.
- Heli-transportable system.

Benefits:

- Advanced wellbore visual diagnostics using unique visual logging capability with detailed post - job total wellbore visual analysis, down and side wall viewing - not available with other memory visual logging tools.
- Self-contained system without the need for wireline or slickline.
- Post job measurement and image optimisation available on AmallGam Cloud Viewer.
- Rendered 3D modelling output (dependent on wellbore fluid conditions).

Applications:

- Subsea wellhead profile inspection.
- Pig integration for pipeline inspection.
- BOP internals inspection.
- Upper completion, sealing and thread inspection.
- Dropped and stuck objects, unretrievable components within the upper completion.
- Casing and tubing hanger inspection.
- Support for decommissioning and P&A operations.



Technical Data

AmallGam ReadyCAM GO Memory		
Tool diameter	1 11/16"	2 1/4"
Pressure rating	10,000psi/690 bar	15,000psi/1034 bar
Temperature rating in liquid	275°F/135°C	
Temperature rating in gas	240°F/115°C	
Length	6,07ft/1,85m	8,43ft/2,57m
Weight in air	28lbs/12,7kgs	33lbs/15kg
Top connection	15/16" SR	1 1/16" SR
H2S compliant	✓	
Minimum borehole diameter	2 3/8"	2 7/8"
Centralisation	Multiple options	
Battery	Lithium for use up to 275°F/135°C and 24 hours Alkaline for use up to 185°F/85°C and 12 hours	