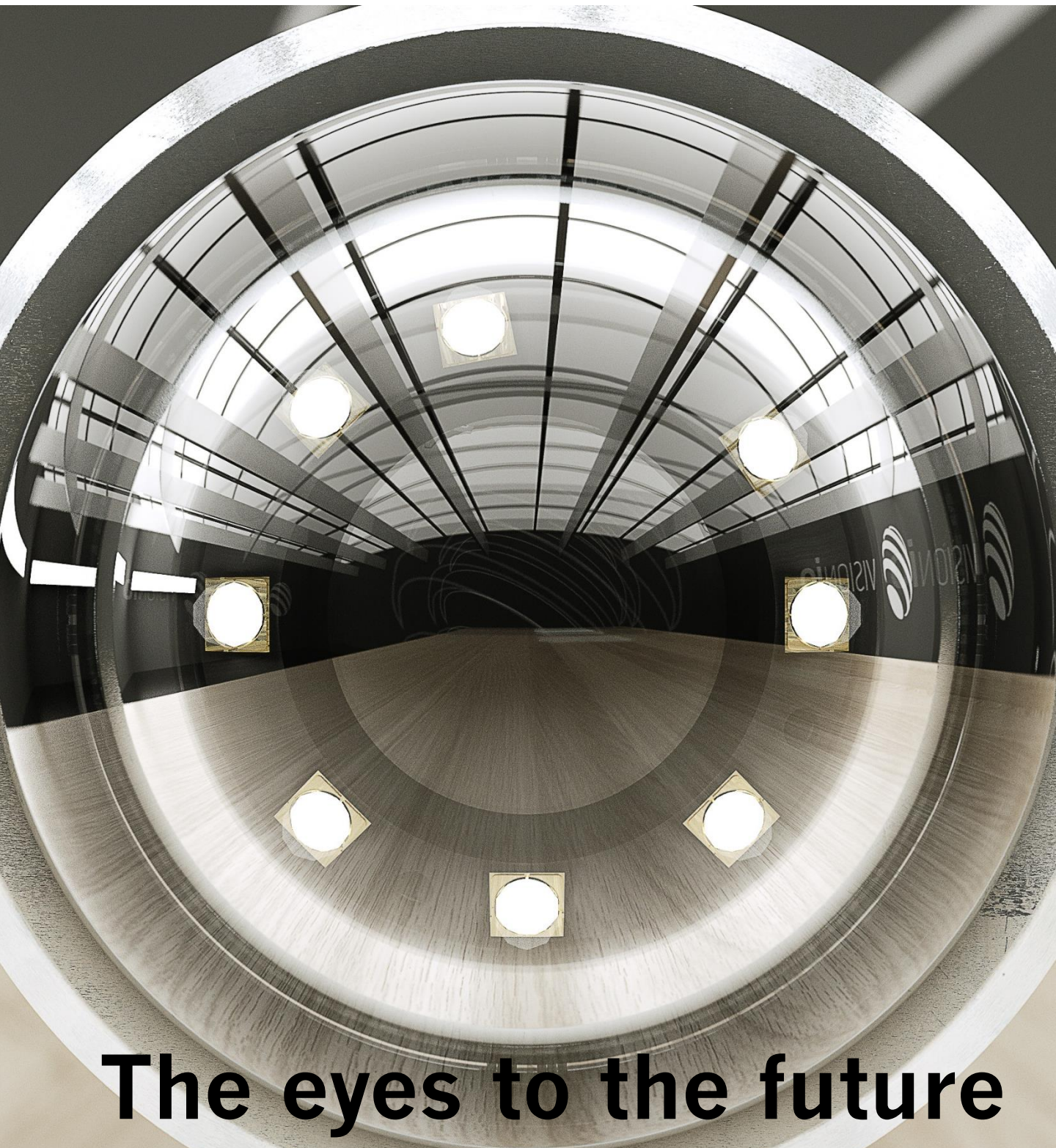




**VISIONio**



**The eyes to the future**

# Vision WellCAM®

## Technical specifications

<b>Vision WellCAM® Memory</b>	<b>Specifications</b>
Pressure	15.000 psi / 1034bar
Temperature	125 °C / 257°F (in gas: 105°C / 221°F)
Tool Diameter	2,25" (2,15" slim edition) OD
Length	1,85m / 6,07ft
Weight in air	15kg / 33lbs
Top connection	UN 1-1/16-10 Slick line (SL)
Fish neck	1,75" FN
Tensile strength	2500kg / 5500 lbs. (middle section)
Field of view	185/ 360°
Image sensor	5Mpx colour
Materials	17-4PH stainless steel (H2S) resistant housing, sapphire dome view-point.
Max/min borehole/casing/tubing	9 5/8" – 2 7/8"
Battery operated	Alkaline up to 85°C & 12 hours. Lithium up to 125°C & 24 hours. (with full active cooling)

<b>Vision WellCAM® E-line</b>	<b>Specifications</b>
Pressure	15.000 psi / 1034bar
Temperature	125 °C / 257°F (in gas: 105°C / 221°F)
Tool Diameter	(2,25" (2,15" slim edition) OD
Length	1,85m / 6,07ft
Weight in air	15kg / 33lbs
Top connection	1-3/16" 12UN (1-3/8" GO Box)
Fish neck	1,75" FN
Tensile strength	2500kg / 5500 lbs. (middle section)
Field of view	185/ 360°
Image sensor	5Mpx colour
Materials	17-4PH stainless steel (H2S) resistant housing, sapphire dome view-point.
Max/min borehole/casing/tubing	9 5/8" – 2 7/8"
Surface read-out	Yes



# Vision WellCAM®

## Technical specifications

Vision WellCAM® Slim Coil Tubing	Specifications
Pressure	10.000 psi / 690bar
Temperature	125 °C / 257°F (in gas: 95°C / 203°F)
Tool Diameter	2.0" OD
Length	2,315m / 7,59ft
Weight in air	22kg / 48lbs
Top connection	1-1/2" AAMT
Field of view	185/ 360°
Image sensor	5Mpx colour
Battery operated	Alkaline up to 85°C & 12 hours. Lithium up to 125°C & 24 hours. (With full active cooling)
Materials	17-4PH stainless steel (H2S) resistant housing, sapphire dome view-point.
Pumping rate	Up to 4bbl
Shock absorber	Yes



# Vision WellCAM®

## Technical specifications

Vision WellCAM® 1 11/16" E-line	Specifications
Pressure	10.000 psi / 689bar
Temperature	125 °C / 257°F (in gas: 95°C / 203°F)
Tool Diameter	1-11/16" (1,69)
Length	2,57m / 8,43ft
Weight in air	12,7kg / 28lbs
Top connection	UN 1-3/16-12UN (1-3/8" GO BOX)
Field of view	185/ 360°
Image sensor	5Mpx colour
Materials	17-4PH stainless steel (H2S) resistant housing, sapphire dome view-point.
Max/min borehole/casing/tubing	9 5/8" – 2 3/8"
Surface read-out	Yes
Tensile strength	6000kg/ 13000lbs
Bow-string centralizer (in-line)	1,72" – 4,5"



# Vision WellCAM®

## Technical specifications

Vision WellCAM® 1 11/16" Memory	Specifications
Pressure	10.000 psi / 689bar
Temperature	125 °C / 257°F (in gas: 95°C / 203°F)
Tool Diameter	1-11/16" (1,69)
Length	2,57m / 8,43ft
Weight in air	12,7kg / 28lbs
Top Connection	UN 15/16 – 10 slickline
Fish neck	1.187
Top Connection (Option)	5/8-11 UNC
Fish neck	1.000
Field of view	185/ 360°
Image sensor	5Mpx colour
Materials	17-4PH stainless steel (H2S) resistant housing, sapphire dome view-point.
Max/min borehole/casing/tubing	9 5/8" – 2 3/8"
Surface read-out	Yes
Tensile strength	6000kg/ 13000lbs
Bow-string centralizer (in-line)	1,72" – 4,5"
Battery operated	Alkaline up to 85°C & 12 hours. Lithium up to 125°C & 24 hours. (with full active cooling)



# Vision WellCAM®

## Technical specifications

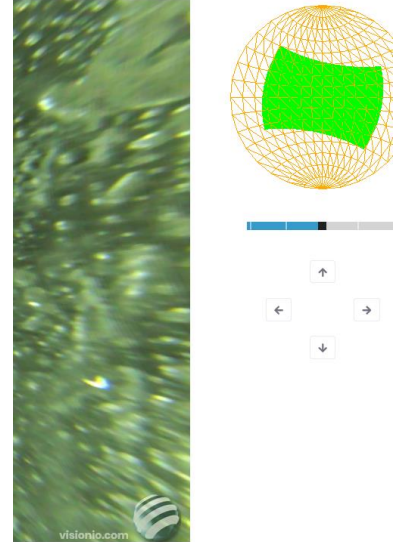
Vision WellCAM® Drill Pipe	Specifications
Pressure	15.000 psi / 1034bar
Temperature	125 °C / 257°F (in gas: 95°C / 203°F)
Tool Diameter	2-7/8" / 6,37"
Length	2,73m / 8,95ft
Weight in air	75kg / 166lbs
Top connection	4,5 IF
Field of view	185/ 360°
Image sensor	5Mpx colour
Conveyance	Memory (see battery operated) or Surface read- out
Battery operated	Alkaline up to 85°C & 12 hours. Lithium up to 125°C & 24 hours. (With full active cooling)
Materials	17-4PH stainless steel (H2S) resistant housing, sapphire dome view-point.
Pumping rate	Up to 4bbl
Shock absorber	Yes



# Vision WellICAM®

## Technical specifications SW

<b>Vision WellViewer®</b>	<b>Specifications</b>
Control functions	Pan/zoom, speed, measure, download, set tags and quick navigate to tag, units (metric/imperial), measurement, add attachments
Status flags	Online operation
Information	Time/Depth
Picture resolution screen (view)	720 x 1300 pixles
OS combability	Windows 7, Windows 8, Windows 10, and all OS in cloud via web-browser
Indicators	High side/low side, 3D bowl
Memory	All company videos stored in secure dedicated cloud based company folder
Security/encryption Cloud	All data has 256 AES encryption
Minimum recommended bandwidth for WellViewer Cloud	1 Mb/s
Recommended PC properties	CPU: I5 or better, RAM: 8GB, SSD disk



<b>Vision WellCam® SW</b>	<b>Specifications</b>
Image sensor resolution	5 Mega pixels
Maximum Data rate	4 fps
Maximum field of view	180 times 360 degrees (spherical doom)
Possibility to store video on SDRAM in camera tool	Yes
SRO – e-line	200 kb/s (4 fps in low resolution or 1 fps in high resolution)