GeoWellCam

GWC Compass II

This compact compass module can be connected to all GWC borehole pan & tilt cameras. For these pan-&tilt-cameras it offers, as a data overlay in the video, the viewing angle related to magnetic north. Additionally to the compass (z-axis) this module is equipped with 2 Inclinometer which measure the deviation of the borehole from vertical. This value can also be displayed in the video and by means of our software be transferred to an excel sheet in order to generate a deviation report of the borehole

Technical data	
Compass	
Operating Range	40mm and more
Water tightness	50bar
Compass diameter	36mm
Compass sensors	
	inside pressure
	inside temperature
Compass	resolution 1° (z)
Inclinometer	resolution 1° (xy)
Shown in	video overlay
Power supply	from system
Power consumption	5W
Operating temperature	0 to 40°C
Storage temperature	0 to 40°C
Dimension	36mm, 275mm
Weight	400g