

Inspecam® R Dual



Composed by a downview camera and a 360° free rotating camera for detailed surveys of boreholes and wells. The downview camera provides a perspective image of the borehole. The sideview camera allows the operator to see cracks, damage or other anomalies.

The housing is waterproof up to 5 MPa (50 bar) and made of stainless steel 316 or POM. The powerful LED engine provides illumination for boreholes up to 1000 mm of diameter.

SPECIFICATIONS

OPTICAL/ELECTRICAL

Lens	3.6 mm (Down view)	3.6 mm (Side view)
Image sensor	1/3" CCD Super HAD	
Pixels	607920	607920
TVL	700	700
Focus	Fixed	Fixed
Viewing angle, air	90°	90°
Viewing angle, water	68°	68°
Minimum illumination	0.1 l	0.1 lux
LED power	4	4 Watt
Luminous output	500	500 lumen

MECHANICAL

Housing	Stainless steel 316	POM
Camera windows	Optical acrylic	Optical acrylic
LED windows	Optical acrylic	Optical acrylic
Diameter	50	50 mm
Length	450	450 mm
Weight in air	3.9	1.4 kg

ENVIRONMENTAL

Waterproof	3 (30 Bar)	3 MPa (Option 5 MPa)
Operating temp	-5 to 70	-5 to 70°C