

IDS GEORADAR IBIS FM

IBIS-FM	
TECHNICAL SPECIFICATIONS	
Accuracy ⁽¹⁾	< 0.1 mm (Line of Sight displacement)
Spatial Resolution ⁽²⁾	Range 0.5 m, Cross Range: 4.3 mrad @1 km, 0.5 m by 4.3 m @2 km, 0.5 m by 8.6 m
Area Coverage	Extremely broad (e.g. @2 km an area around 5 km ²)
Operating Range	10 m to 4500 m
Operating Temperature ⁽³⁾	-50°C to +55°C
Scan Time	Less than 3 min
Power Consumption	Less than 100 W
Weight	From 150 Kg to 250 kg, depending on the version
Environment	IP66
Certifications	CE, FCC, IC
OPTIONAL ITEMS	
The IBIS FM basic configuration, including linear scanner, radar sensor and power supply module, can be provided with the optional tools listed below	
Genset	Diesel generator controlled by IBIS Controller
Digital Camera	High Resolution Digital Camera
Radio Link	Wi-Fi point-to-point link for data transfer
Radio Link Repeater	Radio link repeater for data transfer
Weather Station	Weather station controlled by IBIS Controller
SOFTWARE SPECIFICATIONS	
IBIS Controller: Acquisition & system management software	Session setup wizard Power supply control Status information Preliminary data processing Automatic data transfer