



LEICA GA03

GNSS SMART ANTENNA FOR BLK ARC



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DESIGN & PHYSICAL

Weight	564 g
Height	63.5mm
Diameter	Ø 106 mm

OPERATION

Power	No battery, input power max 2.5W
Communication	USB 2.0 (Integrated into BLK ARC-UI)
Connectors	Main: USB-C (USB2.0) female socket PSS output: LEMO 0S female socket
Mounting	Baseplate

TRACKING CHARACTERISTICS

Satellite Reception	Dual Frequency
Supported Signals	GPS (L1 C/A, L1C, L2C, L2P, L5) GLONASS (L1 C/A, L2 C/A, L2P, L3, L5) Galileo (E1, E5 AltBOC, E5a, E5b) BeiDou (B1I, B1C, B2I, B2a, B2b) NavIC (L5) L-Band (up to 5 channels)

PERFORMANCE

Position Accuracy	Single point L1/L2: 1.2 m RMS RTK option: 1 cm + 1 ppm RMS
Maximum Data Rate	up to 100Hz, position: up to 100Hz

ENVIRONMENTAL

Robustness	Designed for robotics application, with high performance in challenging outdoor environments
Operating temperature	-20 to +50 °C
Dust & humidity protection	IP54

DATA PROCESSING

Data transfer	USB-C 2.0 to USB-A
Data integration	As a companion for BLK ARC integrated within BLK ARC-UI
Data format	NMEA, NovAtel ASCII, binary logs

