

Kilichain

Versatile Application
Durable Design
Convenient Operation
Triple Network Switching
APP Remote Control



CS30

Specifications

GNSS ⁽¹⁾	
GNSS	GPS: L1C/A/L1C/L2C/L2P (Y) /L5
	GLONASS: G1/G2/G3
	GLONASS: G1/G2/G3
	Galileo: E1/E5a/E5b/E6
	QZSS: L1C/A/L1C/L2C/L5
	NavIC: L5
Cold start time	SBAS: L1C/A
	<12s
	Initialization time
	<5s (typical value)
	RTK initialization reliability
	>99.9%
Recapture	<1s
	Single point Positioning
RTK accuracy	Horizontal: 1.5m
	Vertical: 2.5m
Static accuracy	Horizontal: 8mm+1ppm(RMS)
	Vertical: 15mm+1ppm(RMS)
Static accuracy	Horizontal: 2.5mm+1ppm(RMS)
	Vertical: 5mm+1ppm(RMS)
Physicals	
Data dupdate Rate	20Hz
Baud rate	9600~460800

Communications	
4G	GSM 4G module
Ethernet port	1×RJ45 (100M Ethernet)
Differential data	RTCM3.X
Positioning data	NMEA-0183
Static data	Binary
Network protocol	TCP/NTRIP
Electricals	
Power consumption	≤3.0W
Power supply voltage	9~36V DC

*All specifications are subject to change without notice.
(1) Accuracy depends on the open sky, free of multipaths, optimal GNSS geometry and atmospheric condition.

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