Comparison: mosaic-H vs mosaic-G5 P3H

Comparison Between mosaic-H & mosaic-G5 P3H 1

	mosaic-H	mosaic-G5 P3H
Bands supported	GPS: L1, L2 Galileo: E1, E5b GLONASS: L1, L2 Beidou: B1, B2, B3 QZSS: L1C/A, L1C/B, L2 SBAS: Egnos, WAAS, GAGAN, MSAS, SDCM (L1)	GPS: L1C/A,L1C, L2C, L2P(Y), L5 Galileo: E1, E5a, E5b, E6 GLONASS: L1CA, L2CA, L2P, L3CDMA Beidou: B1I, B1C, B2a, B2I, B2b, B3I QZSS: L1C/A, L1C/B, L2C, L5, L6
RTK Performance	Horizontal: 0.6cm + 0.5ppm Vertical: 1cm + 1ppm	Horizontal: 0.6cm + 0.5ppm Vertical: 1cm + 1ppm
Other Positioning Modes Accuracy	Standalone: 1.2m DGNSS: 0.4m SBAS: 0.6m	Standalone: 1.2m DGNSS: 0.4m
Velocity Accuracy	3cm/s	3cm/s
Heading accuracy	0.15deg (1m baseline)	0.15deg (1m baseline)
Maximum update rate	Measurements only: 100Hz Standalone: 50Hz RTK: 20Hz	20Hz
latency	<10ms	<10ms
Acquisition	33dBHz	30dBHz
Time Precision	PPS resolution: 1.4ns Event accuracy: <3ns	PPS resolution: 5ns Event accuracy: <20ns

	mosaic-H	mosaic-G5 P3H
Anti-jamming and anti-spoofing	AIM+ the most advanced anti-jamming, anti-spoofing on-board interference mitigation technology on the market (narrow and wide band, chirp jammers). LOCK+ for robust tracking during high vibrations and APME+ multipath mitigation to disentangle direct signal and those reflected from nearby IONO+ provides advanced protection against ionospheric	AIM+ the most advanced anti-jamming, anti-spoofing on-board interference mitigation technology on the market (narrow and wide band, chirp jammers). LOCK+ for robust tracking during high vibrations and APME+ multipath mitigation to disentangle direct signal and those reflected from nearby IONO+ provides advanced protection against ionospheric
OSNMA Support	Yes	No
Base/Rover	Base and Rover	Rover only
Protocols	NMEA, SBF, RINEX, RTCM, CMR	NMEA, SBF, RTCM input
Web interface and Ethernet	Yes	No
RAW data	Yes	No