

# Comparison Between mosaic-H & mosaic-G5 P3H

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	mosaic-H	mosaic-G5 P3H
<b>Bands supported</b>	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
<b>RTK Performance</b>	Horizontal: 0.6cm + 0.5ppm Vertical: 1cm + 1ppm	Horizontal: 0.6cm + 0.5ppm Vertical: 1cm + 1ppm
<b>Other Positioning Modes Accuracy</b>	Standalone: 1.2m DGNS: 0.4m SBAS: 0.6m	Standalone: 1.2m DGNS: 0.4m
<b>Velocity Accuracy</b>	3cm/s	3cm/s
<b>Heading accuracy</b>	0.15deg (1m baseline)	0.15deg (1m baseline)
<b>Maximum update rate</b>	Measurements only: 100Hz Standalone: 50Hz RTK: 20Hz	20Hz
<b>latency</b>	<10ms	<10ms
<b>Acquisition</b>	33dBHz	30dBHz
<b>Time Precision</b>	PPS resolution: 1.4ns Event accuracy: <3ns	PPS resolution: 5ns Event accuracy: <20ns

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