

# Release Note

Release date		Dec. 24, 2024			
Product model		UM980			
Type of change		<div><input type="checkbox"/> New product release</div> <div><input type="checkbox"/> Hardware upgrade</div> <div><input checked="" type="checkbox"/> Firmware upgrade</div> <div><input type="checkbox"/> Others _____</div>			
Update contents		New version	Build17548	Old version	Build13504
No.	Contents				
1	Added the configuration of SG 10 (CONFIG SIGNALGROUP 10), which supported QZSS L6 tracking and decoding. Added L6 MADOCA PPP computation and log output (L6MDCTYPE1 ~ L6MDCTYPE5 & L6MDCTYPE7). QZSS L6 was compatible with E6-HAS and B2b-PPP.				
2	Improved the exit mechanism of STANDALONE and the logic for long-term computation.				
3	50 Hz PVT computation was supported in SIGNALGROUP 8.				
4	Fixed the problem of no response with a certain probability when RTCM and NMEA commands were input together.				
5	Improved the start-up time for the module.				
6	Added the command ENVINFOA/ENVINFOB to output environmental information.				
7	Added KASS (SBAS) in GPGSV.				
8	Parity check was supported in serial port configuration.				
9	Added QZSS L1S DCR output (QZQSM).				
10	Improved the velocity computation in MODE UAV HIGHDYN.				
11	Improved the logic of CONFIG PPP ENABLE AUTO.				
Notes:					
1. This table provides information on the firmware version of UM980 only.					
2. For more information about the commands and logs, see <i>Unicore Reference Commands Manual For N4 High Precision Products_V2_EN_R1.7</i> .					