Bit rates sensors:

1. Lidar: average bitrate of 2.5 Mbps
2. RGB camera: average bitrate of 1.8 Mbps (720p 30 fps)
3. IR camera:
4. Marine radar: The HALO20+ Radar is used but cant find the bitrate of it
5. Forward sonar:
6. Wind sensor:
7. Depth sounder: AIRMAR DT200
8. Battery management system:
9. GPS receiver
10. Weather station: AIRMAR 220WX
11. AIS (VHF): em-trak B900, either 9600 b/s (GMSK) or 1200 b/s (FSK)

References:

1. <https://www.bowlerpons.com/lidar-business-beam-wars#:~:text=An%20average%20bitrate%20for%20a,only%2010fps%20(if%20optimized)>.
2. <https://www.castlesecurity.com.au/understanding-your-cctv-cameras-bitrate/>
3. .
4. <https://www.simrad-yachting.com/simrad/type/radar/halo20simradradar/#prl_specifications>
5. .
6. .
7. .
8. .
9. .
10. <https://em-trak.com/wp-content/uploads/B900-Series-manual-EN-v2.pdf>

Side notes:

1. Cant find the specs or name of the actual Lidar used
2. The CCTV 6x FLIR (360 view) cameras are used but cant find the actual bitrate of them, I do get [this information](https://www.flir.eu/support-center/instruments2/how-much-bandwidth-do-the-flir-a615a655sc-and-flir-a35a65-use/) but I don’t know which bitrate to take