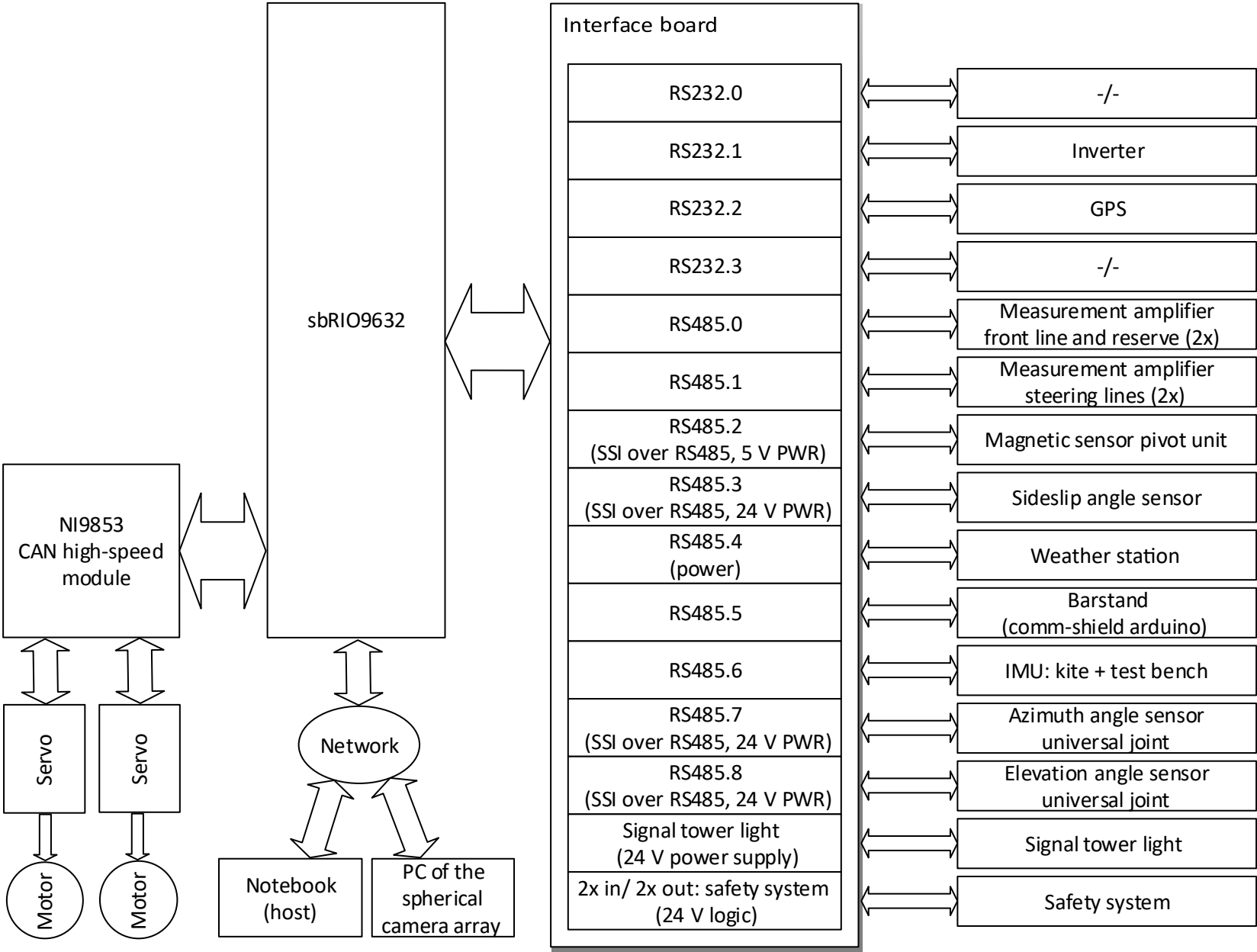
sbRIO9632
Interface board
RS232.0
RS232.1
RS232.2
RS232.3
RS485.0
RS485.1
RS485.2
(SSI over RS485, 5 V PWR)
RS485.3
(SSI over RS485, 24 V PWR)
RS485.4
(power)
RS485.5
RS485.6
RS485.7
(SSI over RS485, 24 V PWR)
RS485.8
(SSI over RS485, 24 V PWR)
Signal tower light
(24 V power supply)
2x in/ 2x out: safety system
(24 V logic)
-/-
Inverter
GPS
-/-
Measurement amplifier
front line and reserve (2x)
Measurement amplifier
steering lines (2x)
Magnetic sensor pivot unit
Sideslip angle sensor
Weather station
Barstand
(comm-shield arduino)
IMU: kite + test bench
Azimuth angle sensor
universal joint
Elevation angle sensor
universal joint
Signal tower light
Safety system
NI9853
CAN high-speed
module
Servo
Servo
Motor
Motor
Network
Notebook
(host)
PC of the
spherical
camera array