

Create message
at sender

RPI, Jetson
32 bit



TCP

Connection at
Receiver

Socket, listen, connect, read

PC cockpit
64 bit

Message Header (buffer, length)

Control seg	Message type	Time sent	Data type	Origin	Origin time	Data length	Short message type : Data Long message type: length = 0

Control seg: encode "con"

Message type:
short message = header contains data
Long message = data is sent in following packets

Time sent: local time at sender

Data type: camera n, usensor n, imu, etc

Origin: data source : arduino, rpi etc

Origin time : local time at data source

Data length: 0 for short message, # of bytes for long

