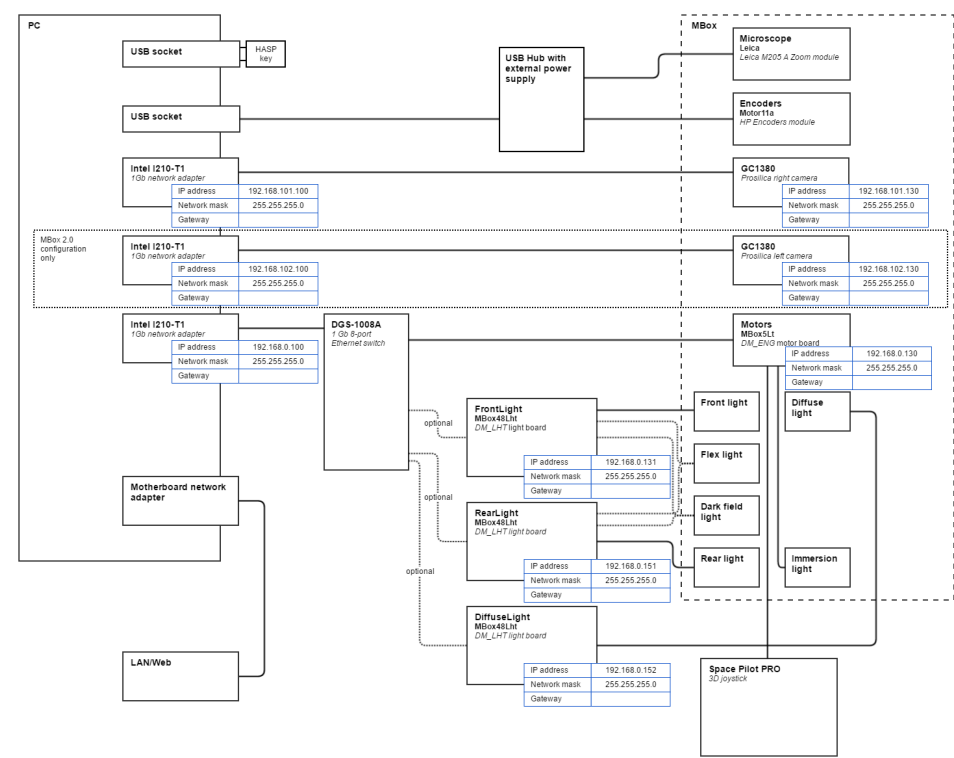


Network Configuration and Settings

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System topology for MBox 2.0, MBox 1.5



Cabling

Ethernet

Use UTP Cat5E factory-made cables of appropriate length.



USB

Use USB Type A male (PC side) / USB Type B male (device side) cables, approx. 2 meters length.

[blocked URL](#)

Endpoints configuration

Endpoint	Group	MicroscopeDrivers.ini table	Configuration software
Prosilica left adapter	PC		Open Control PanelNetwork and InternetNetwork Connections, configure each adapter's TCP/IP V4 properties
Prosilica right adapter	PC		
Devices adapter	PC		
Prosilica left camera	MBox	Device= Photo Microscope BeginData Version= Prosilica Name= Left UniqueId= 107085	Run GigEIPConfig, configure IP addresses Run GigEViewer to find each adapter's UniqueId
Prosilica right camera	MBox	Device= Photo Microscope BeginData Version= Prosilica Name= Right UniqueId= 37222	
DM_ENG motor board	MBox	Table: Motors BeginData Version= MBox5Lt	Download folder dm_eng , edit network.info , lines for IP and Mask , then run configure_network.cmd
DM_LHT light board	Light box	Table: FrontLight BeginData Version= MBox48Lht Address= 192.168.0.131 For rear light: Table: RearLight BeginData Version= MBox48Lht Address= 192.168.0.151 For diffuse light: Table: DiffuseLight BeginData Version= MBox48Lht Address= 192.168.0.152	Download folder dm_lht , edit network_lt.info , lines for IP and Mask , then run configure_network.cmd For single board: line "Address= . . ." in MicroscopeDrivers.ini can be safely deleted For multiple boards: Every board should be configured separately, with distinct IP, disconnecting another board. Record configured IP address to the "Address= . . ." line in the corresponding MicroscopeDrivers.ini table