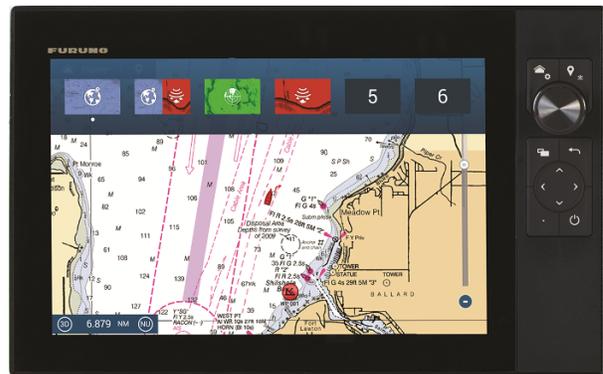
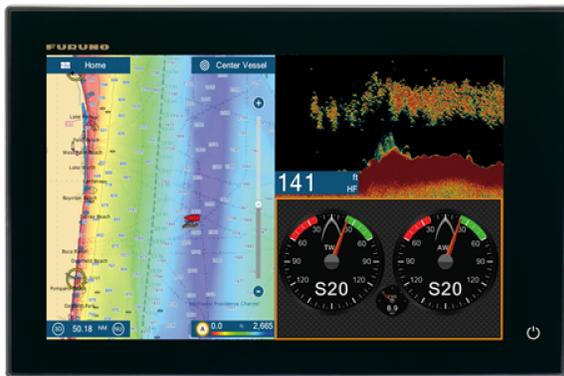


Yacht CamTM

Connecting Procedure

For The Furuno TZtouch2 - TZtouch3



Yacht Cam Bright



Yacht Cam



Yacht Cam *Lite*



Yacht Cam Plus



Yacht Cam *Lite+*

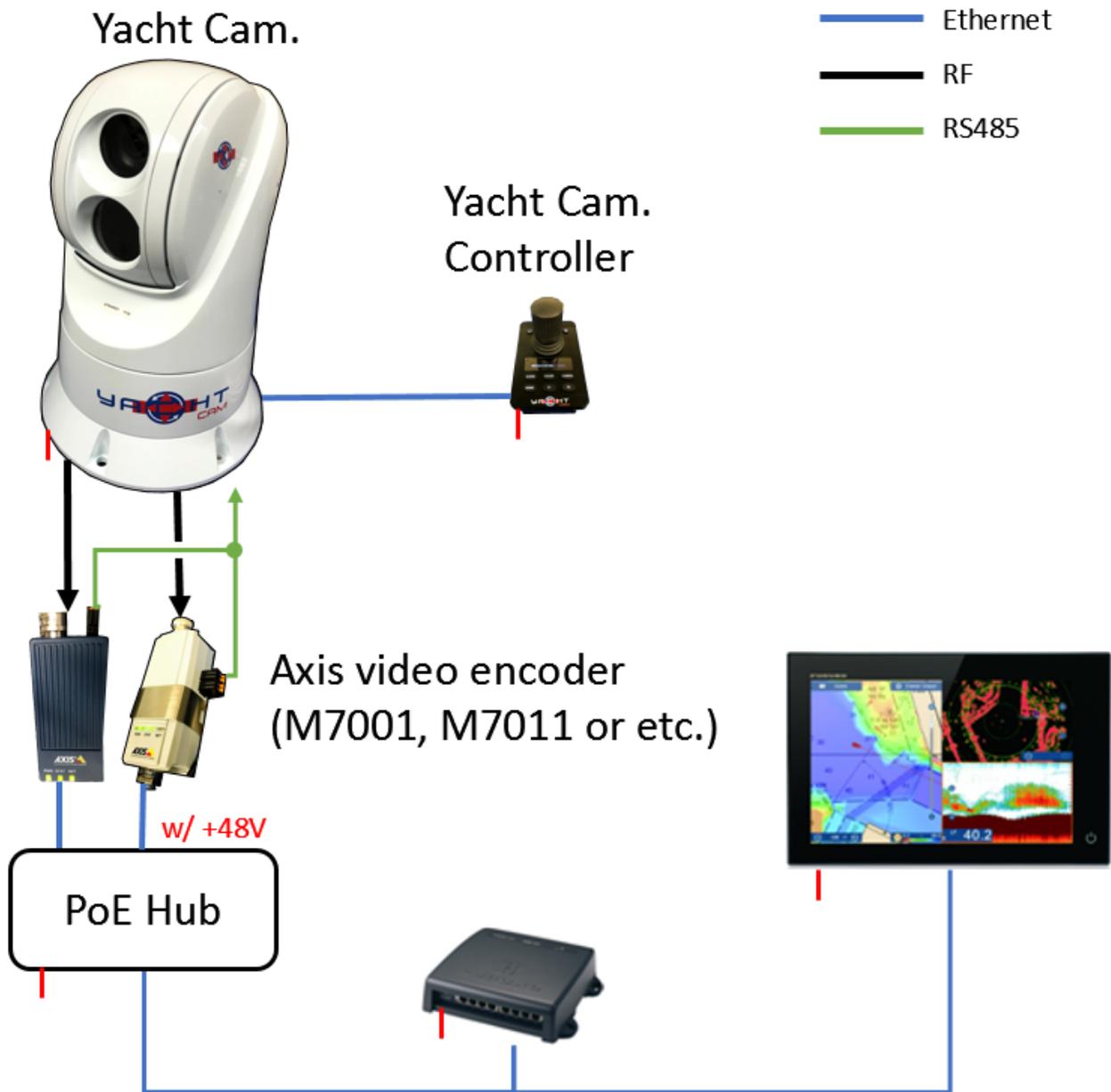
Yacht Cam Connecting Procedure

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1. Wiring

Two video encoders are required, as shown below, if you want both daylight and infrared images. **Do not connect** Yacht Cam's ethernet network to the Furuno NAVnet network.



2. Axis Encoder Settings

- 1) Set IP address (172.31.200.3 to 172.31.200.6), resolution and PTZ settings according to the document, [Axis IP Camera Settings](#). Each video will count towards your maximum Axis IP camera limit.
- 2) Open PTZ → Driver Selection tab.
- 3) Check that Pelco PTZ driver is installed and Activate PTZ selection, then click “Save”.

AXIS M7011 Video Encoder Live View | Setup | Help

PTZ Drivers

Upload

Select new driver to upload: Browse... Upload

Select driver to use: Pelco (embedded) [4.17] ▼

Note: To change or remove driver, PTZ must be deactivated for all video channels.

Driver Management

Activate PTZ

Device id:

Device type: Generic ▼

Save Reset

if Axis encoder doesn't have the driver, please visit at [Axis Website](#) and upload the required driver to the video encoder.

AXIS M7001 Video Encoder Live View | Setup | Help

PTZ Drivers

Upload

Select new driver to upload: Browse... Upload

Driver Management

Uploaded drivers: Pelco [4.10] ▼ Remove

Installed driver: Pelco [4.10] Uninstall

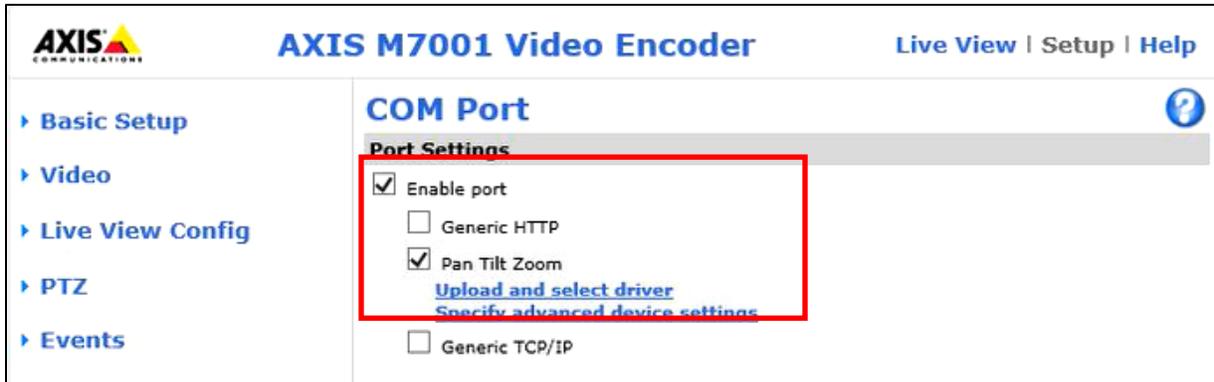
Device id:

Device type: Generic ▼

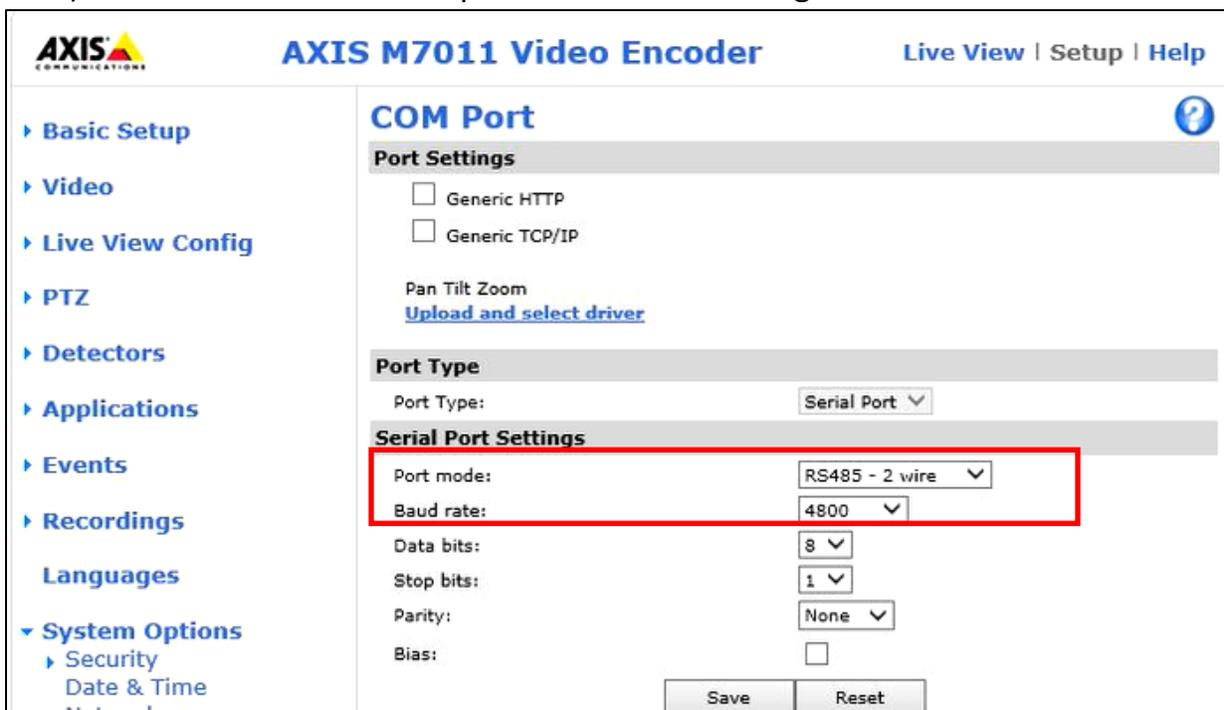
Save Reset

4) Open System Option -> COM Port tab

5) (If used M7001) Check the box of "Enable port" and "Pan Tile Zoom".



6) Select RS485 and 4800bps at Serial Port Settings.



3. Settings

- 1) Turn on PTZ Control of proper IP Camera number under Camera Menu.
(IP address of video encoder should match that of the camera being selected)

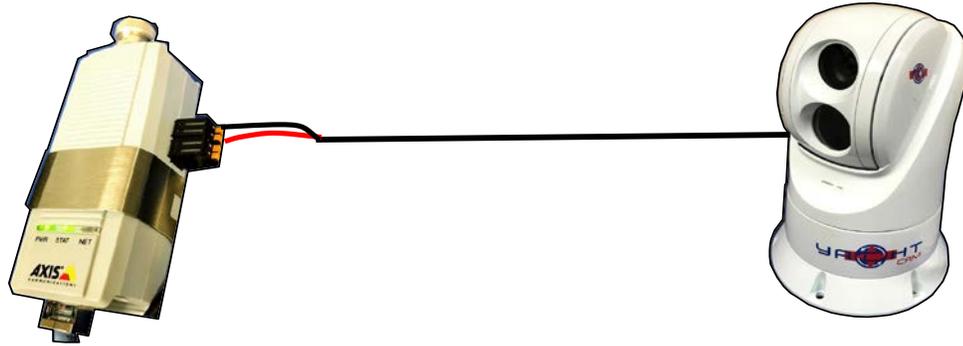
The screenshot displays a settings interface for three IP cameras. Each camera's settings are grouped under a header: IP CAMERA 1, IP CAMERA 2, and IP CAMERA 3. For each camera, the NickName, IP Camera address, and PTZ Control status are shown. The PTZ Control for IP CAMERA 1 is highlighted with a red box and is set to ON. The PTZ Control for IP CAMERA 2 and IP CAMERA 3 is set to OFF.

Camera	NickName	IP Camera	PTZ Control
IP CAMERA 1	IP CAMERA 1	172.31.200.3	ON
IP CAMERA 2	IP CAMERA 2	172.31.200.4	OFF
IP CAMERA 3	IP CAMERA 3	172.31.200.5	OFF

4. Troubleshooting

1) When cannot control Yacht Cam from the MFD.

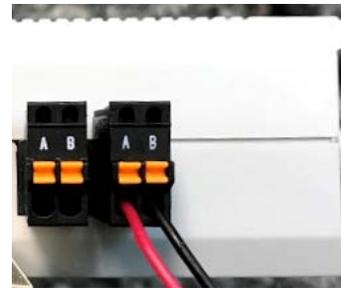
- Check RS485 cable connection between Axis Video Encoder and Yacht Cam.



Example: M7011 port



Example: M7001 port



- Check if Com port baud rate of Axis Video Encoder matches the Yacht Cam baud rate.
- Check if RS485 setting of Yacht Cam is set to CU.

Axis Video Encoder Setting

Port Type	
Port type:	Serial Port ▼
Serial Port Settings	
Port mode:	RS485 - 2 wire ▼
Baud rate:	4800 ▼
Data bits:	8 ▼

Yacht Cam. Setting

