

**NAVnet**  
3D

**NAVnet**  
TZ  
touch

**NAVnet**  
TZ2  
touch

**FLIR Camera Compatibility**  
with Furuno NavNet 3D, NavNet TZtouch  
and NavNet TZtouch2 MFDs







**FURUNO**





# FURUNO NavNet MFD / FLIR Camera Compatibility




All FLIR JCUs require a POE hub or Power Injector





Compatibility is subject to change without notice



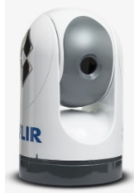
JCU-3 requires v1.04-00048 and above software to allow fixed IP addressing

MODEL	NN3D	TZT	TZT2	Notes:
<b>M132</b>  (TZ only, no Pan only 320x240) <a href="https://www.flir.com/products/m132/">https://www.flir.com/products/m132/</a>	NO	YES	YES	Requires FLIR video Decoder (IONODES R-100) for video and assorted adaptors. JCU-3 required for Tilt operations.  Using TZT 6.01 and TZT2 6.21 software and above; video and steering without decoder. JCU needed for Parking.  JCU-3 requires v1.04-00048 and above software to allow fixed IP addressing
<b>M232</b>  (PTZ Unit 320 x 240) <a href="https://www.flir.com/products/m232/">https://www.flir.com/products/m232/</a>	NO	YES	YES	Requires FLIR video Decoder (IONODES R-100) for video and assorted adaptors. JCU-3 required for Pan/Tilt operations.  *SOON - Using TZT 6.01 and TZT2 6.21 software and above; video and steering without decoder. JCU needed for Parking.  JCU-3 requires v1.04-00048 and above software to allow fixed IP addressing
<b>MD324</b> (available through 2019)  (stationary with 320 x 240) <a href="https://www.flir.com/products/md324/">https://www.flir.com/products/md324/</a>	NO	YES	YES	No JCU needed, video viewing only (no menu access, color palette or zoom without JCU)
<b>M324L</b> (Discontinued)  <a href="https://www.flir.com/support/products/m324/">https://www.flir.com/support/products/m324/</a>	YES	YES	YES	JCU required to Park and shutdown Camera properly.

MODEL	NN3D	TZT	TZT2	Notes:
<b>M324S</b>  (Pan/Tilt 336x256) <a href="https://www.flir.com/products/m324s/">https://www.flir.com/products/m324s/</a>	NO	YES	YES	Basic Pan/Tilt Operations work very well.  When tracking targets via the MFD, JCU is not allowed to be used until the target tracking has been released. (by doing a manual move on the MFD)  Only original two, color palettes supported  JCU required to Park and shutdown Camera properly.
<b>M324CS</b>  (PTZ 336x256) <a href="https://www.flir.com/products/m324cs/">https://www.flir.com/products/m324cs/</a>	NO	YES	YES	Basic Pan/Tilt Operations work very well.  When tracking targets via the MFD, JCU is not allowed to be used until the target tracking has been released. (by doing a manual move on the MFD)  Only original two, color palettes supported  JCU required to Park and shutdown Camera properly.
<b>M324XP (Discontinued)</b>  <a href="https://www.flir.com/support/products/m324xp">https://www.flir.com/support/products/m324xp</a>	YES	YES	YES	JCU required to Park and shutdown Camera properly.
<b>M400</b>  (PTZ : 30x zoom 640x480) <a href="https://www.flir.com/products/m400/">https://www.flir.com/products/m400/</a>	NO	Mostly	Mostly	Ensure Camera has v3.0.1 or better.  Basic Pan/Tilt Operations work very well.  When tracking targets via the MFD, JCU is not allowed to be used until the target tracking has been released. (by doing a manual move on the MFD). Switching of Visible/Thermal and Zoom feature only usable with TZTv6.01 and TZT2 6.21 and above (can still be done via the JCU)  JCU required to Park and shutdown Camera properly.

MODEL	NN3D	TZT	TZT2	Notes:
<b>M400XR</b>  <p>(PTZ: 30x zoom 1080P with 640x480 thermal  <a href="https://www.flir.com/products/m400xr/">https://www.flir.com/products/m400xr/</a>)</p>	NO	Mostly	Mostly	<p>Ensure Camera has v3.0.1 or better.</p> <p>Basic Pan/Tilt Operations work very well.</p> <p>When tracking targets via the MFD, JCU is not allowed to be used until the target tracking has been released. (by doing a manual move on the MFD). Switching of Visible/Thermal and Zoom feature only usable with TZTv6.01 and TZT2 6.21 and above (can still be done via the JCU)</p> <p>JCU required to Park and shutdown Camera properly.</p>
<b>M500</b>  <p>(PTZ: 30x zoom 640x512)  <a href="https://www.flir.com/products/m500/">https://www.flir.com/products/m500/</a>)</p>	NO	Mostly	Mostly	<p>Ensure Camera has v3.0.1 or better.</p> <p>Basic Pan/Tilt Operations work very well.</p> <p>When tracking targets via the MFD, JCU is not allowed to be used until the target tracking has been released. (by doing a manual move on the MFD). Switching of Visible/Thermal and Zoom feature only usable with TZTv6.01 and TZT2 6.21 and above (can still be done via the JCU)</p> <p>JCU required to Park and shutdown Camera properly.</p>
<b>M612L (Discontinued)</b>  <p><a href="https://www.flir.com/support/products/m612l/">https://www.flir.com/support/products/m612l/</a></p>	YES	YES	YES	<p>JCU required to Park and shutdown Camera properly.</p>

MODEL	NN3D	TZT	TZT2	Notes:
<b>M617CS</b>  (PTZ 640x480) <a href="https://www.flir.com/products/m617cs/">https://www.flir.com/products/m617cs/</a>	NO	YES	YES	Basic Pan/Tilt Operations work very well.  When tracking targets via the MFD, JCU is not allowed to be used until the target tracking has been released. (by doing a manual move on the MFD)  Only original two, color palettes supported  JCU required to Park and shutdown Camera properly.
<b>M618CS (Discontinued)</b>  <a href="https://www.flir.com/support/products/m618cs">https://www.flir.com/support/products/m618cs</a>	NO	YES	YES	Basic Pan/Tilt Operations work very well.  When tracking targets via the MFD, JCU is not allowed to be used until the target tracking has been released. (by doing a manual move on the MFD)  JCU required to Park and shutdown Camera properly.
<b>MD625</b>  (Stationary 640x480) <a href="https://www.flir.com/products/md625/">https://www.flir.com/products/md625/</a>	NO	YES	YES	Zoom feature only usable with TZTv6.01 and TZT2 6.21 and above  JCU recommended for zoom levels
<b>M625L (Discontinued)</b>  <a href="https://www.flir.com/support/products/m625l">https://www.flir.com/support/products/m625l</a>	YES	YES	YES	JCU required to Park and shutdown Camera properly.

MODEL	NN3D	TZT	TZT2	Notes:
<b>M625S</b>  <a href="https://www.flir.com/products/m625s/">https://www.flir.com/products/m625s/</a>	NO	YES	YES	Basic Pan/Tilt Operations work very well.  When tracking targets via the MFD, JCU is not allowed to be used until the target tracking has been released. (by doing a manual move on the MFD)  Only original two, color palettes supported  JCU required to Park and shutdown Camera properly.
<b>M625CS</b>  (PTZ 640x480) <a href="https://www.flir.com/products/m625cs/">https://www.flir.com/products/m625cs/</a>	NO	YES	YES	Basic Pan/Tilt Operations work very well.  When tracking targets via the MFD, JCU is not allowed to be used until the target tracking has been released. (by doing a manual move on the MFD)  Only original two, color palettes supported  JCU required to Park and shutdown Camera properly.
<b>M625XP (Discontinued)</b>  <a href="https://www.flir.com/support/products/m625xp">https://www.flir.com/support/products/m625xp</a>	YES	YES	YES	JCU required to Park and shutdown Camera properly.