

Furuno DRS4DCM & Nobeltec TZ FAQ

1. What DRS Radar can I plug directly to Nobeltec PC TimeZero Navigation Software (Trident, SportFishing and Catch)?

You can only plug the DRS4DCM (4kW dome antenna) directly to Nobeltec TimeZero.

2. Where can I purchase, the DRS4DCM

At this time, the DRS4DCM can be purchased exclusively through a Nobeltec Dealer. The standard Furuno warranty applies to any DRS4DCM purchased through Nobeltec. Nobeltec must remain the primary point of contact before applying for service through a Furuno Dealer.

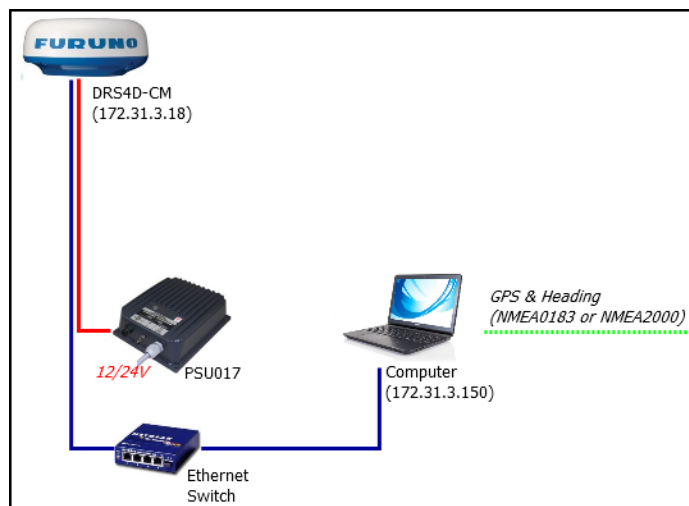
3. What do I need to plug the DRS4DCM Radar directly to Nobeltec PC TimeZero Navigation Software (Trident, SportFishing and Catch)?

The DRS radar comes with a 15 meters Siamese Power/Ethernet cable. The power cable cannot be connected to 12/24DC. The DRS is using 48V and it needs a dedicated Power Supply Unit ("PSU"). The Furuno Part number for the DRS4DCM power supply unit is "PSU017".

Note that when the radar is purchased through Nobeltec, we automatically bundle the PSU017 with the Radar and its Cable (the bundle price reflect the PSU017 additional cost).

It is not recommended to connect the DRS Ethernet cable directly to the computer. Instead, we recommend to connect the PC through a HUB and an additional Ethernet cable (not provided). This will give more flexibility regarding the placement of the PSU017 and will allow to add additional Furuno Ethernet sensor (AIS, Sounder...).

You will also need a GPS and Heading sensor connected to TimeZero if you want to use ARPA and Radar Overlay. GPS and Heading sensor can be connected using either NMEA0183 (*) (Serial Port) or NMEA2000 (using the Actisense NGT-1)



(*) The Heading Sentence refresh rate needs to be 10Hz (10 times per second) or higher for ARPA.

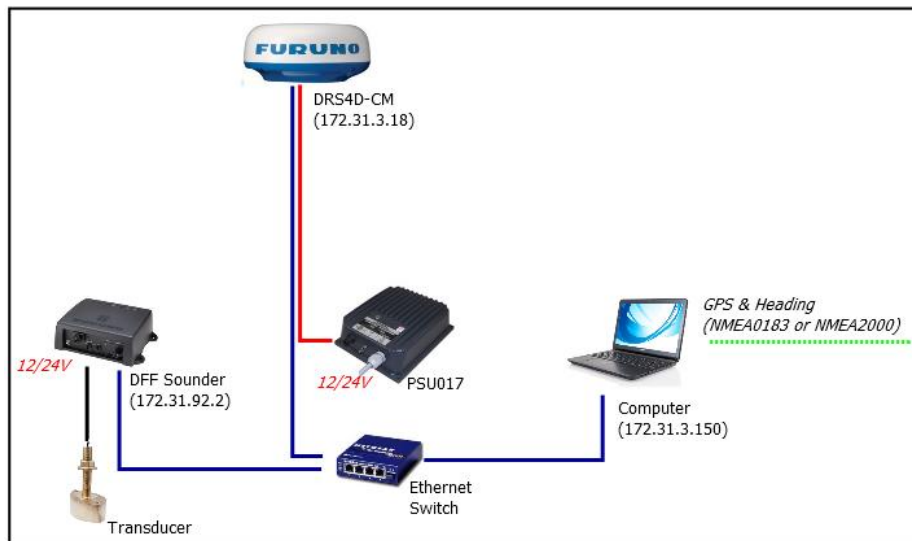
4. Do I need an extra Plus Pack (module) to connect the DRS4DCM Radar directly to Nobeltec PC TimeZero Navigation Software (Trident, SportFishing and Catch)?

No, Radar function is now included by default in Nobeltec TimeZero Trident, SportFishing and Catch.

Note: Nobeltec TimeZero Odyssey does not have any radar function. Only TimeZero Trident, SportFishing and Catch can connect to a radar.

5. Can I add a Furuno Sounder to the DRS4DCM?

Yes, you can add a Furuno DFF1, DFF3, DFF1-UHD, BBDS1 and FCV1150 to the network.



Note that the Furuno Sounder Plus Pack needs to be purchased to integrate a Furuno Sounder with Nobeltec TimeZero Trident, SportFishing and Catch.

6. Can I connect the Wireless DRS4W Dome Radar to Nobeltec PC TimeZero Navigation Software (Trident, SportFishing and Catch)?

No, at this time the 1st Watch DRS4W wireless Radar only works on the iPad using the Furuno App. Nobeltec plan to release an update to his iPad Navigation Software that will be compatible with the DRS4W later this spring.

Compatibility with our PC navigation software is being studied but has not been planned for the moment.

7. Can I connect a traditional DRS directly to Nobeltec PC TimeZero Navigation Software (Trident, SportFishing and Catch)?

No, in order to be connected directly to TimeZero, a DRS4D needs to be modified at the factory. Only the DRS4DCM (part number ending with "CM") have been modified and can be connected directly to TimeZero. A traditional DRS (purchased for NavNet 3D or NavNet TZtouch) cannot be modified in the field to be connected directly to TimeZero.

8. If I decide to purchase a DRS4DCM to connect it directly to Nobeltec PC TimeZero Navigation Software, can I purchase a NavNet3D or NavNet TZtouch MFD later to add it to my network?

Yes, the DRS4DCM is compatible with NavNet 3D or TZtouch. Please note that any MFD needs to be purchased through a Furuno dealer and cannot be purchased through Nobeltec.