TEKRON

NTS100
QUICK START GUIDE

QUICK SETUP

1. Connect the NTS100 to the network switch
2. Connect to power, ensuring correct voltage (48 Vdc – 250 Vdc) is used
3. When running the NTS100 for the first time, the Time Output, Network, and Security settings can be configured by running the Configuration Tool software on any PC on the same network as the NTS100. See Configuration Tool Tips and Networking Tips for more help
4. Once the NTS100 is fully setup, connect the clock outputs to your device/s

NETWORKING TIPS

- If the NTS100 does not appear when you press **Discover** in the Configuration Tool, connect the NTS100 directly using an Ethernet cable
- If using DHCP: before powering up ensure the NTS100 is connected to the network
- Ensure your firewall(s) has UDP exceptions for the configuration program and for ports 9992 , 9997 & 9999
- Ensure you have administrative rights on your PC

CONFIGURATION TOOL TIPS

- The Configuration Tool software is available from www.tekron.com
- To connect to your NTS100: press the **Discover** button, then select the NTS100 from the list, then press the **Configure** button
  Default login is:

  User Name: admin
  Password: Password*

- Upon first connection you will be prompted to change the default password.
- In most cases, set the "Cable Delay" to 4ns for every meter of antenna cable, and the "Mask Angle" to 5 degrees. This can be set on the GNSS tab

  Warning: Please ensure that you record your password and store it in a secure manner. In accordance with Cyber Security "best practice", if the administrative passwords are lost, the device must be sent back to the manufacture to recover the password

Top Panel – Inputs/Outputs

Bottom Panel – Inputs/Outputs