

### Installation Instructions and User Guide

*Note that you cannot be logged in as Admin in WebView while using the DDE Server*

#### A. Installation

1. Double click on WVDDSEServer\_1.0.2\_distrib.exe. An installation wizard will appear.
2. Select the defaults and complete the installation.
3. Use a text editor to open the file C:\Program Files\Eurotherm Inc\WV DDE Server 1.0.2\config.
4. Update the IPAddress with the IP address of the WVC16 communication interface. Note that passwords for the LoginUserName and LoginPassword are set to the WVC16 default passwords. Passwords must match those of the WVC16.
5. If you have more than one WVC16 communication interface, add as many CommunicationInterface tags to the wv.xml file.

#### B. Starting the DDE Server

The server MUST be left running and can be started two different ways:

1. Double click the WV DDE Server icon on desktop.
2. Click menu item Start > Programs > Eurotherm Inc > WV DDE Server 1.0.2 > WV DDE Server 1.0.2.

#### C. DDE Access

- The application name is WVDDSEServer.
- The topic name for first WVC16 communication interface is WV.1, the second is WV.2, etc.
- The item name follows the structure given below:

modulename - unique name assigned to module by the end user via the WebView Data I/O Viewer.

y - 1 for all Value types; 1 or 2 for Status\* types.

- Available items:

1. Current Ambient Temperature:  
modulename.GetRegData.CAT.Temperature
2. Full Scale High Input (in A/D counts):  
modulename.GetRegData.FSHI.ioIndex.y.Value
3. Full Scale High Output (in A/D counts):  
modulename.GetRegData.FSHO.ioIndex.y.Value
4. Full Scale Low Input (in A/D counts):  
modulename.GetRegData.FSLI.ioIndex.y.Value
5. Full Scale Low Output (in A/D counts):  
modulename.GetRegData.FSLO.ioIndex.y.Value
6. Input:  
modulename.GetRegData.I.ioIndex.y.Value
7. Maximum Recorded Ambient Temperature:  
modulename.GetRegData.MAXT.Temperature
8. Minimum Recorded Ambient Temperature:  
modulename.GetRegData.MINT.Temperature
9. Output (Analog):  
modulename.GetRegData.O.ioIndex.y.Value
10. Output (Relay Status):  
modulename.GetRegData.O.ioIndex.y.Status
11. Operational High Input (in A/D counts):  
modulename.GetRegData.OPHI.ioIndex.y.Value
12. Operational High Output (in A/D counts):  
modulename.GetRegData.OPHO.ioIndex.y.Value
13. Operational Low Input (in A/D counts):  
modulename.GetRegData.OPLI.ioIndex.y.Value
14. Operational Low Output (in A/D counts):  
modulename.GetRegData.OPLO.ioIndex.y.Value

Module	I/O Firmware
WV108-200x	I: 2.05 / O: 2.14
WV118-200x	I: 1.05 / O: 1.09
WV128-200x	I: 1.12 / O: 2.15
WV-168-200x	1.03 (I/O combined)

\* Reading limit alarm discrete output status requires the above firmware version (or greater) in the respective module. The firmware version can be determined from the case label or by viewing the module's "About" page using the WebView I/O data viewer.

15. Remote Calibration Switch:  
    `modulename.GetRegData.RCS.SwitchState`
16. Resetpoint (in A/D counts):  
    `modulename.GetRegData.RP.Value`
17. Run Time:  
    `modulename.GetRegData.RT.Value`
18. Setpoint (in A/D counts):  
    `modulename.GetRegData.SP.ioIndex.y.Value`
19. Timer - Administrative Alert (Status):  
    `modulename.GetRegData.TMR.Status`
20. Timer - Administrative Alert (Remaining Time):  
    `modulename.GetRegData.TMR.RemainingTime`

#### D. Examples - DDE access via Excel

1. `WVDDEServer|WV.1!'modulename.GetRegData.I.ioIndex.1.Value'`

Get the analog value at the first input of modulename of the first Communication Interface defined in the file  
C:\Program Files\Eurotherm Inc\WV DDE Server 1.0.2\config.

2. `WVDDEServer|WV.3!'modulename.GetRegData.O.ioIndex.1.Status'`

Get relay A status of modulename of the third Communication Interface defined in the file  
C:\Program Files\Eurotherm Inc\WV DDE Server 1.0.2\config.

3. `WVDDEServer|WV.3!'modulename.GetRegData.O.ioIndex.2.Status'`

Get relay B status of modulename of the third Communication Interface defined in the file  
C:\Program Files\Eurotherm Inc\WV DDE Server 1.0.2\config.

4. `WVDDEServer|WV.1!'modulename.GetRegData.CAT.Temperature'`

Get Current Ambient Temperature from modulename of the first Communication Interface defined in the file  
C:\Program Files\Eurotherm Inc\WV DDE Server 1.0.2\config.

Note that the commands used here are excerpted from the WebView I/O Custom Protocol (WVCP), Protocol Specification Document (844-0001-00). Refer to that document for an explanation of A/D scaling.



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#### Factory Assistance

For additional information on calibration, operation and installation contact our Technical Services Group:

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