

## Omron Communication Setting

1. Open Internet Explorer browser.
  2. Create **Project Node**: Enter project name, IP and then click **Submit**.
  3. Add **SCADA Node**.
  4. Choose **ADD Comport**.
  5. Comport Interface Type.
- Serial : For setting Comport Property of all Omron PLC, please refer to Figure 1.  
For Device Property, you can keep the default value.

| Advantech WebAccess Project Manager         |   |
|---|---|
| <b>Create New Comport</b> [Cancel] [Submit] |   |
| Interface Name                              | SERIAL  |
| Comport Number                              | 4   |
| Description                                 | Description   |
| Baud Rate                                   | 9600 bps  |
| Data Bit                                    | <input checked="" type="radio"/> 7 <input type="radio"/> 8 bits   |
| Stop Bit                                    | <input type="radio"/> 1 <input checked="" type="radio"/> 2 bits   |
| Parity                                      | <input type="radio"/> None <input type="radio"/> Odd <input checked="" type="radio"/> Even  |
| Scan Time                                   | 1 <input type="radio"/> MilliSecond <input checked="" type="radio"/> Second <input type="radio"/> Minute <input type="radio"/> Hour |
| Timeout                                     | 500 MilliSecond   |
| Retry Count                                 | 3   |
| Auto Recover Time                           | 20 Second   |
| HandShakeRts                                | <input checked="" type="radio"/> Yes <input type="radio"/> No   |
| HandShakeDtr                                | <input checked="" type="radio"/> Yes <input type="radio"/> No   |
| Backup Port Number                          | 0   |
| [Cancel] [Submit]                           |   |

Figure 1: Serial Type Parameter

- TCPIP : For Comport Property, you can keep the default value

For Device Property, please refer to Figure 2.

|                      |
|----------------------|
| Device Type: OmronCJ |
| Port Number: 9600    |

**Advantech WebAccess Project Manager**

**Create New Device** [Cancel] [Submit]

|                    |                |                           |   |
|--------------------|----------------|---------------------------|---|
| Device Name        | Omron          |                           |   |
| Description        |                |                           |   |
| Unit Number        | 0              |                           |   |
| Device Type        | OmronCJ        |                           |   |
| Primary            | IP Address     | 220.135.217.65            |   |
|                    | Port Number    | 9600                      |   |
|                    | Device Address | if other than Unit Number |   |
| Secondary          | IP Address     |                           |   |
|                    | Port Number    |                           |   |
|                    | Device Address |                           |   |
| Fins Network No.   | 0              | FINS Node No.             | 0 |
| TCP/IP Packet Size | 100            | USE TCP                   | 0 |

[Cancel] [Submit]

Figure 2: TCPIP Type Parameter

- API : For Comport Property, please refer to Figure 3

**Update Comport** [Cancel] [Submit]

|                   |   |
|-------------------|---|
| Interface Name    | API   |
| Comport Number    | 1   |
| Description       | Omron CS1   |
| Scan Time         | 1 <input type="radio"/> MilliSecond <input checked="" type="radio"/> Second <input type="radio"/> Minute <input type="radio"/> Hour |
| Timeout           | 200 MilliSecond   |
| Retry Count       | 3   |
| Auto Recover Time | 60 Second   |

[Cancel] [Submit]

Figure 3: API Type Parameter

Device Property : For Network No. and Node No, please refer to PLC setting.

| Advantech WebAccess Project Manager  |   |               |                                 |
|--|---|---------------|---------------------------------|
| <b>Create New Device</b> <a href="#">[Cancel]</a> <a href="#">[Submit]</a> |   |               |                                 |
| Device Name  | <input type="text" value="Omron CS"/>     |               |                                 |
| Description  | <input type="text" value="192.168.1.3"/>  |               |                                 |
| Unit Number  | <input type="text" value="0"/>            |               |                                 |
| Device Type  | <input type="text" value="OmronCS"/>      |               |                                 |
| Serial Port Setting:   | <input type="text" value="4:9600,E,7,2"/> |               |                                 |
| Fins Network No.   | <input type="text" value="0"/>            | FINS Node No. | <input type="text" value="13"/> |
| FINS Packet Size   | <input type="text" value="200"/>          |               |                                 |
| <a href="#">[Cancel]</a> <a href="#">[Submit]</a>                          |   |               |                                 |

Figure 4 : API Type Device Parameter