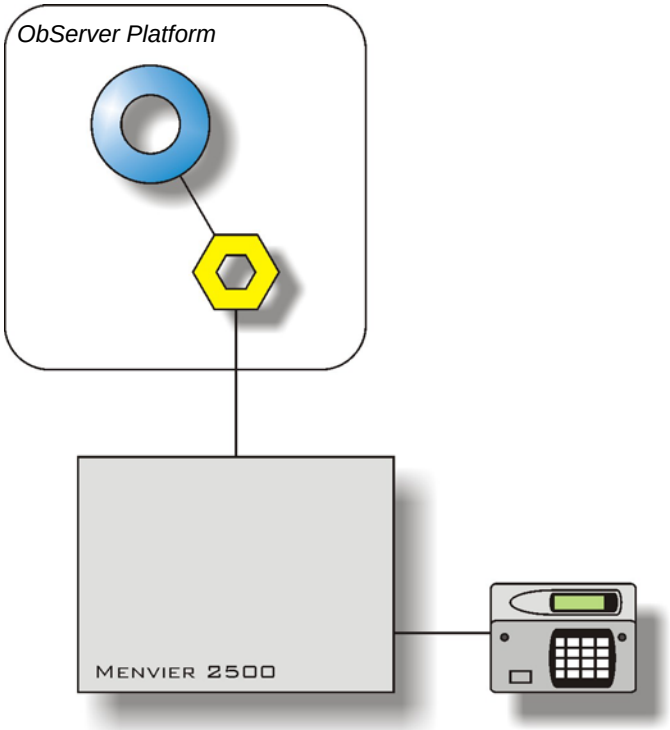
Product Engineering Guide

OSM v20 Menvr25 v10

Introduction

The Menvr25 OSM links the Menvier TS2500 Intruder Alarm Control System to Observer, via a Menvier DCI. Multiple circuits and wards can be accessed using a single Menvr25 OSM. Please note this product is not available for Compass due to the memory limitations.



Supported Range

- Menvier TS2500 Intruder Alarm Control System.

Notes

The Menvier TS2500 panel must have software v5.2 or higher. Please refer to Menvier for this.
Please note this product is not available for Compass due to the memory limitations.
The Menvier system does not report alarms to ObServer. If alarms are needed then an AlarmGen device will be required.
The Menvier system does not provide logging facilities to ObServer. If logging of values is needed then a Data Manager will be required.

Engineering

Step 1 – Install OSM

The Menvr25 OSM is installed automatically with all ObSys editions. Refer to the 'ObSys CD sleeve' for details on how to install ObSys.

Step 2 – Configure Menvier System

DCI

The DCI must be configured as a PCI (Personal Computer Interface). To do so:

1. Remove the cover of the DCI unit.
2. Set jumper-link (JP4) to the DCI/PCI position.
3. Connect the PCI interface lead (the lead with 4 cores) to the connector labelled PCI.
4. Feed the other end of the lead through the top cabled entry.
5. Re-fit the cover of the DCI unit.

Parameters

The panel requires a password to be configured before communications can begin. Please allow up to a minute for the Compass Point to log on to the Menvier system

Step 3 – Connect COM Port to Menvier System

Using cable, connect the Menvier DCI to a COM port of the PC. Refer to the section 'Cable' below for details of the cable.

Step 4 – Plug in Menvr25 OSM to ObServer

Use object engineering software to locate the ObServer Setup object. Assign the Menvr25 OSM to an available channel. Refer to *'ObServer v20 Application Engineering Guide'.*

Note: After inserting the OSM, your engineering software may need to re-scan the ObServer object in order to view the OSM.

Step 5 – Configure Menvr25 OSM

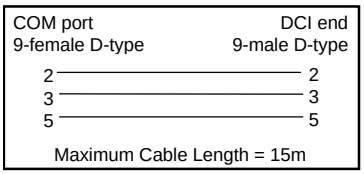
The COM port, baudrate, logon password, ward mask, alarm polling facilities, and alarm destination are configured using objects. Use object engineering software to view and modify the module objects within the OSM.

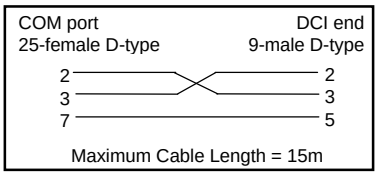
Step 6 – Access Objects within the Menvier System

Values from the Menvier system are made available as objects from ObServer. Any object software that is connected to the ObServer can access these objects.

Cable Specification

The cable between COM port and the Menvier DCI is as follows:





Objects

When the OSM is loaded the following objects are created within ObServer, use object software to access these objects.

Object [1]	***Label***	***R/W***	***Type***
S*c*	Menvier System connected to channel *c*	-	*[Menvr25 v10]*
M*c*	Menvier Module connected to channel *c*	-	*[Osm v20\Menvr25 v10]*

Notes

[1] The ObServer channel number, *c*, is a number in the range 1…40.