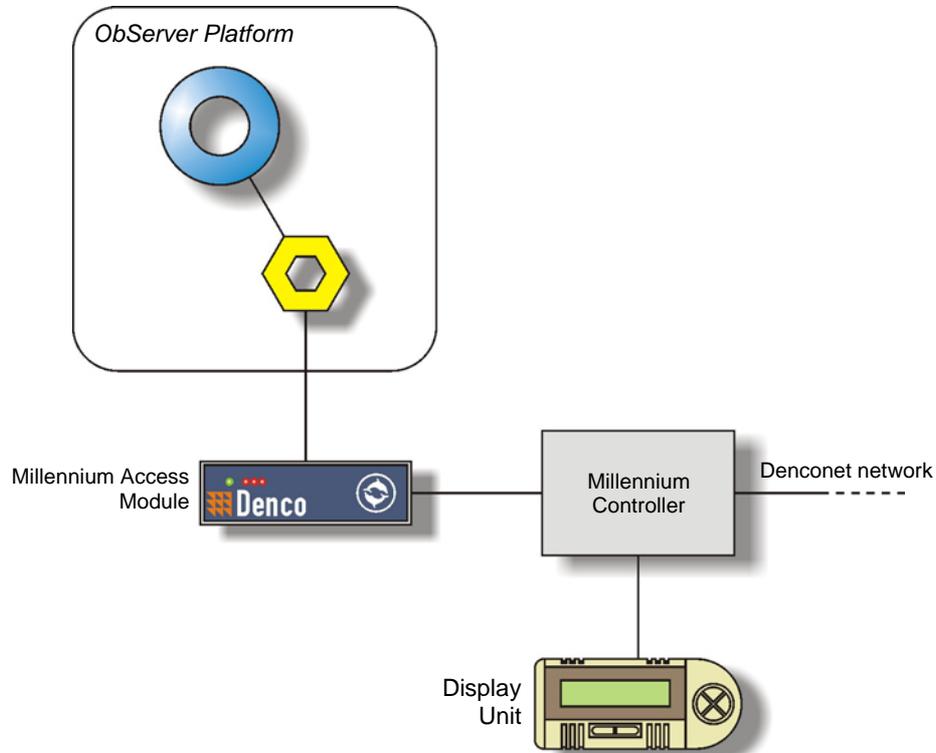


Product Engineering Guide

OSM v20 DencoMAM v11

Introduction

The DencoMAM OSM links a network of Denco Millennium controllers to ObServer, via the Millennium Access Module (MAM).



The DencoMAM OSM can communicate with up to 32 controllers, and is capable of providing remote control and monitoring of the following:

- Set points
- Alarms
- Units status; run/stopped
- Output status

Engineering

Step 1 – Install OSM

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

Step 2 – Configure Denco MAM and Controllers

For each of the Millennium controllers configure the baud rate, DACNET settings, and set a unique unit number. Configure the MAM with a Connection Type of 'Direct'.

Step 3 – Connect COM Port to the MAM

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

Step 4 – Plug in DencoMAM OSM to ObServer

Use object engineering software to locate the ObServer Setup object. Assign the DencoMAM 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 the DencoMAM OSM

The device label is configured using objects. Use object engineering software to view and modify the objects within the OSM.

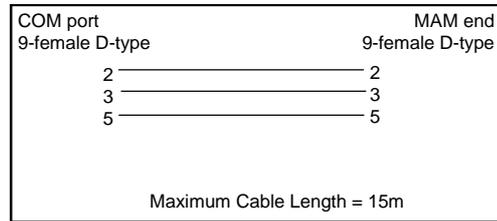
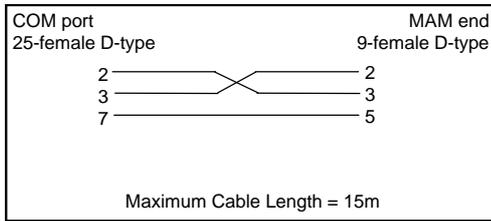
Step 6 – Access Objects within the Denco System

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

Engineering Reference

Cable Specification

The cable between COM port and the MAM 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
Sc	Denco System connected to channel c	-	[DencoMAM v11] ^[2]
Mc	DencoMAM Module connected to channel c	-	[OSM v20\DencoMAM v11]

Notes

- [1] The ObServer channel number, c, is a number in the range 1...40.
- [2] This object has a variable content and as such requires scanning.