

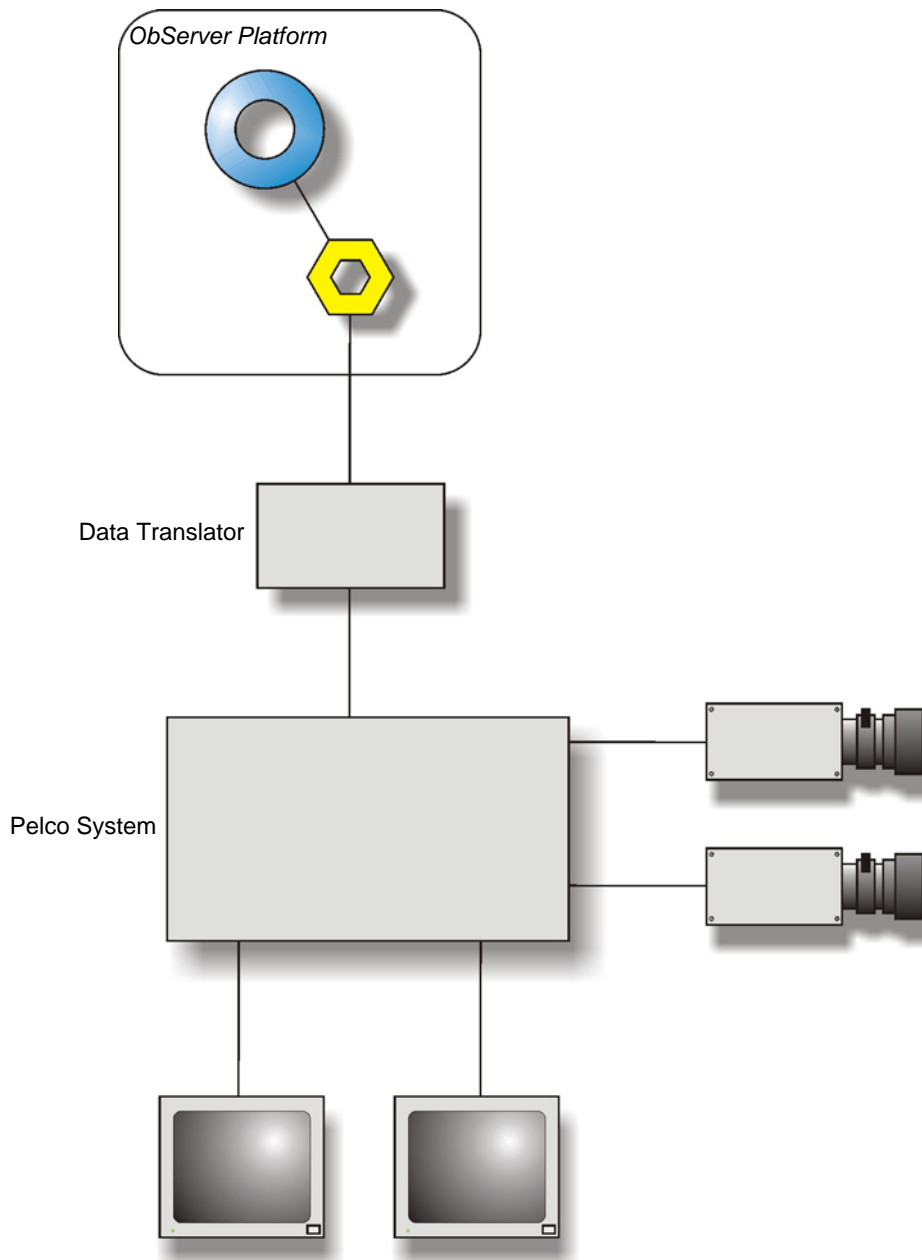
# Product Engineering Guide

## OSM v20 Pelco v10

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### Introduction

The Pelco OSM links Pelco's camera matrix via the CM9760-DT Data Translator to ObServer. Control of PTZ cameras is possible, as well as alarm, auxillary and macro triggering.



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## **Engineering**

### **Step 1 – Install OSM**

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

### **Step 2 – Configure Pelco System**

The CM9760-DT dated (10/97) that the driver was tested with had a fixed byte format and baud rate, however, later versions may be configurable. If so, configure the CM9760-DT as per Pelco documentation. The CC1 Matrix also may require configuration. Refer to Pelco documentation.

### **Step 3 – Connect COM Port to Pelco System**

Using cable, connect the CM9760-DT Data Translator to a COM port of the PC. Refer to the section 'Cable' below for details of the cable.

### **Step 4 – Plug in Pelco OSM to ObServer**

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

The COM port, baudrate, byte format, 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 Pelco System**

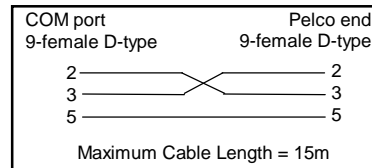
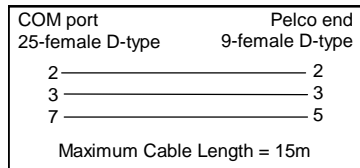
Values from the Pelco system are made available as objects from ObServer. Any object software that is connected to the ObServer can access these objects.

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## Engineering Reference

### Cable Specification

The cable between COM port and the Pelco 9-way D-type port, marked COM A on the CM9760-DT Data Translator, is as follows:



### Objects

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

Object <sup>[1]</sup>	Label	R/W	Type
Sc	Pelco System connected to channel <i>c</i>	-	[Pelco v10]
Mc	Pelco Module connected to channel <i>c</i>	-	[OSM v20\Pelco v10]

### Notes

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