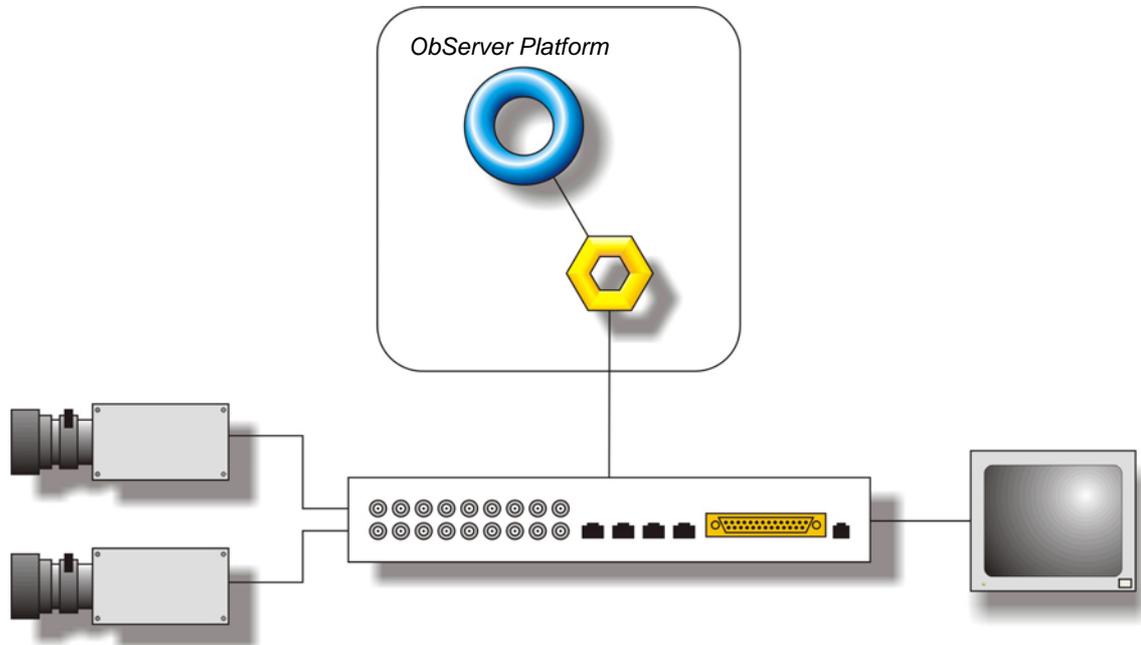


Product Engineering Guide

OSM v20 360Vision v10

Introduction

The 360Vision OSM links 360 Vision Technologies' Dome and Controls CCTV system to ObServer. Up to 16 cameras (including PTZ type) can be connected to a single matrix, although these can be cascaded up to 64 cameras. Tours can be created from these inputs.



Supported Range

- VM0008-02-EU - Up to 8 camera inputs and 2 monitor outputs matrix.
- VM0016-02-EU - Up to 8 camera inputs and 2 monitor outputs matrix.

Notes

The 360Vision system does not report alarms to ObServer. If alarms are needed then an AlarmGen will be required.

Engineering

Step 1 – Install OSM

The 360Vision OSM is installed automatically with all ObSys editions. Refer to the 'ObSys CD sleeve' for details on how to install ObSys.

Step 2 – Configure 360Vision System

The 360Vision system does not require configuring.

Step 3 – Connect COM Port to 360Vision System

Using cable, connect the 360Vision system to a COM port of the PC. Refer to the section 'Cable' below for details of the cable.

Step 4 – Plug in 360Vision OSM to ObServer

Use object engineering software to locate the ObServer Configuration object. Assign the 360Vision 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 360Vision OSM

The COM port, baud rate, alarm polling facilities, and alarm destination are configured using objects. Use object engineering software to view and modify the module objects within the OSM.

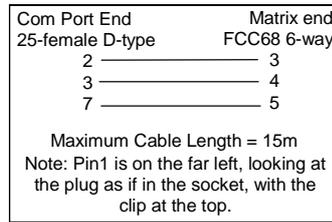
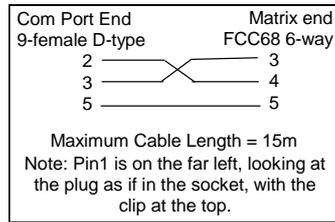
Step 6 – Access Objects within the 360Vision System

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

Engineering Reference

Cable Specification

The cable between COM port and the FCC68 port, marked RS232 on the Matrix 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
Sc	360Vision connected to channel c	-	[360Vision v10]
Mc	360Vision Module connected to channel c	-	[OSM v20\360Vision v10]

Notes

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