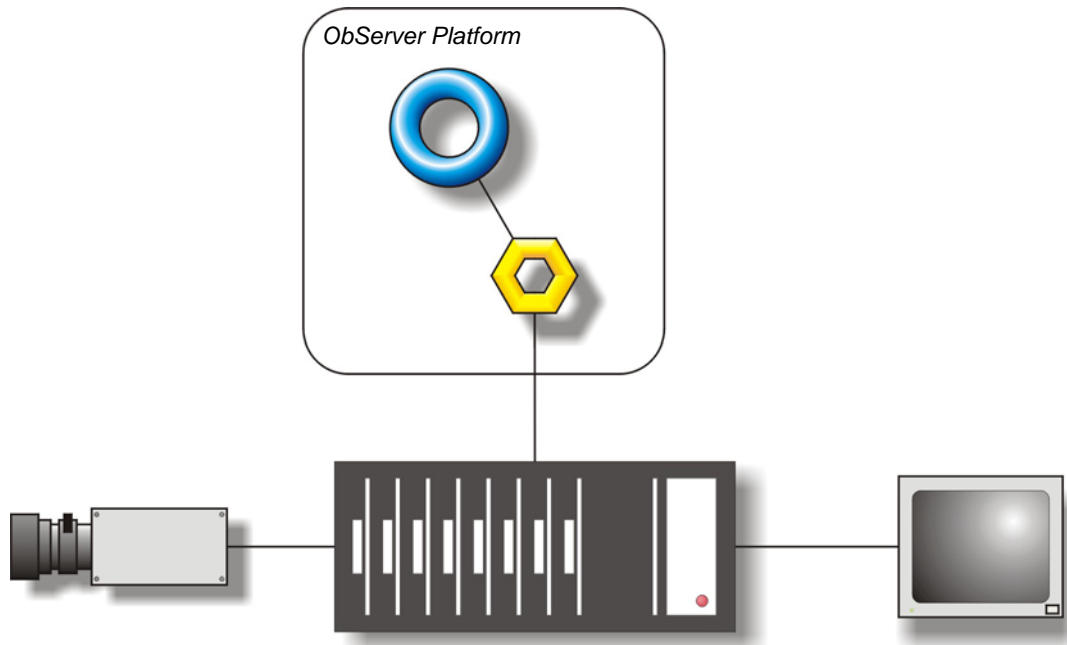


Product Engineering Guide

OSM v20 GeutVS40 v10

Introduction

The GeutVS40 OSM links a Geutebruck VS-40 Digitective digital video motion detector system to ObServer. The system is modular and consists of a rack mounted Central Unit (CU) and a number of Video Motion Detector (VMD) cards. Each VMD can be armed, alarms tested and the picture display changed.



Supported Range

- VS-40 Digitective – up to 999 VMDs can be addressed

Notes

The GeutVS40 OSM has to assume that commands it sends are received by the VS-40 Digitective system, as the VS-40 Digitective system does not send any confirmation or acknowledgement to all write instructions.

The VS-40 Digitective system does report alarms to ObServer.

The GeutVS40 OSM 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 GeutVS40 OSM is installed automatically with all ObSys editions. Refer to the 'ObSys CD sleeve' for details on how to install ObSys.

Step 2 – Configure VS-40 Digitective System

Ensure that the VS-40 Digitective system has a valid baud rate set up.

Step 3 – Connect COM Port to VS-40 Digitective System

Using cable, connect the VS-40 Digitective system to a COM port of the PC. Refer to the section 'Cable' below for details of the cable.

Step 4 – Plug in GeutVS40 OSM to ObServer

Use object engineering software to locate the ObServer Setup object. Assign the GeutVS40 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 GeutVS40 OSM

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

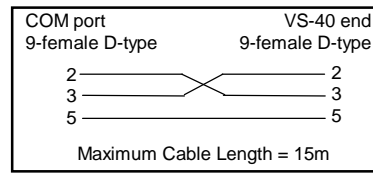
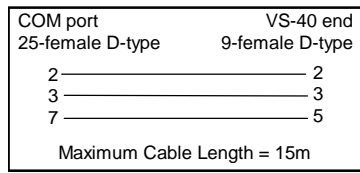
Step 6 – Access Objects within the VS-40 Digitective System

Values from the VS-40 Digitective 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 VS-40 9-way D-type port, marked 'AUX' 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	GeutVS40 System connected to channel <i>c</i>	-	[GeutVS40 v10]
Mc	GeutVS40 Module connected to channel <i>c</i>	-	[OSM v20\Betatech v10]

Notes

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