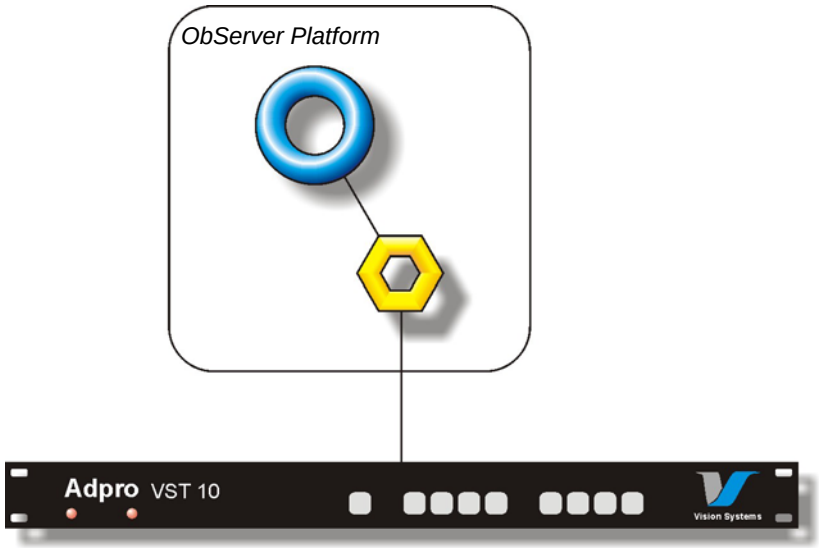
Product Engineering Guide

OSM v20 AdproVst v10

Introduction

The AdproVst OSM links the Adpro VST-10 Fast Scan video transmission system to Observer. The Vision Systems' Adpro VST-10 Fast Scan video transmission system is typically used for security and surveillance and allows digitised live video images to be relayed across standard PSTN or ISDN modem links.



Supported Range

- Vision Systems Adpro VST-10 Fast Scan video transmission system - Allows dialling into sites using either the telephone number directly, or via a look-up table. Sites can also dial in if an alarm occurs. Once connected to a site, audio and picture quality can be altered. Also, PTZ cameras can be selected and controlled.

Notes

The Adpro protocol does not respond to all commands so acknowledgement and monitoring of these commands can only be done by seeing the changes as they occur over the link.
There is also a keypad emulation object that allows key-presses to be sent to the system.
The system can report alarms to the Compass Network.

Engineering

Step 1 – Install OSM

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

Step 2 – Configure Adpro VST-10 Fast Scan video transmission System

The RS232 parameters on the VST-10 are set up in the '*Printer Setup*' menu, flow control should be set to '*H/W*' only. The RS232/RS485 internal link setting should be set to the RS232 position (factory default).

Step 3 – Connect COM Port to Adpro VST-10 Fast Scan video transmission System

Using cable, connect the Adpro VST-10 System to a COM port of the PC. Refer to the section ‘Cable’ below for details of the cable.

Step 4 – Plug in AdproVst OSM to ObServer

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

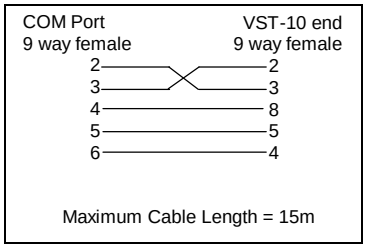
The COM port, baudrate, byte format, link information, and alarm destination are configured using objects. Use object engineering software to view and modify the module objects within the OSM.

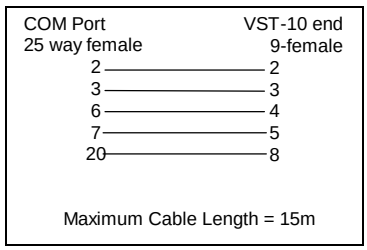
Step 6 – Access Objects within the Adpro VST-10 Fast Scan video transmission System

Values from the Adpro VST-10 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 Adpro VST-10 Fast Scan video transmission system 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*	AdproVst System connected to channel *c*	-	*[AdproVst v10]*
M*c*	AdproVst Module connected to channel *c*	-	*[OSM v20\AdproVst v10]*

Notes

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