

TECHNICAL BULLETIN

CCTV

MIC Series Cameras

Connecting a MIC to a Bosch IP Device

March 27, 2011

Issue Severity:

- High: Act immediately
- Medium: Bosch Security Systems strongly recommends you take the action(s) described below.
- Low: Advisory

Products Affected:

- MIC Series 400
- MIC Series 412
- MIC Series 500

1.0 Issue

Universal Camset can be used to communicate with a MIC connected into a network using a Bosch IP encoder (VIP X1 XF, VideoJet, VIP X1 etc). For full access to all features of cam-set the encoder should be wired with all 4 RS485 connections.

The wiring between a MIC and a Bosch IP device differs, based on the Bosch IP device in use.

When a device has been selected the communications settings are logged and the unit switched to Transparent mode. This enables full control of the MIC using any protocol. To ensure the MIC remains in control once Camset has been closed the IP device must be correctly disconnected, indicating to Camset that it needs to reload the original communications configuration.

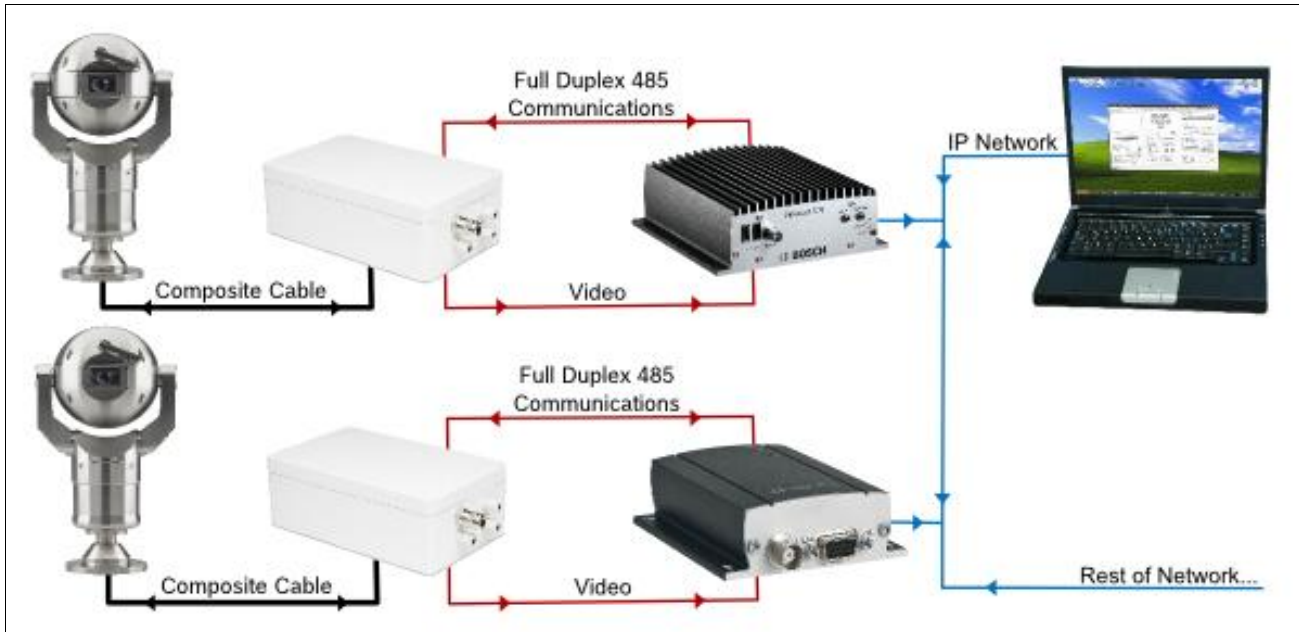
2.0 Resolution

The following table indicates the wiring requirements to connect a MIC Series camera to various Bosch IP encoders:

| MIC PSU | VIP X1 XF / VideoJet | VIP X1 |
|---------|----------------------|--------|
| RxB | RTS | TxD |
| RxA | TxD | RTS |
| TxA | CTS | CTS |
| TxB | RxD | RxD |

Network Configuration

The following illustration shows a typical network configuration between a MIC Series camera to a Bosch IP encoder:



The computer running Universal Camset simply needs to be connected into the site network to gain control. The network port configurations need to be setup in accordance to the encoder installation instructions. The connection should be checked prior to opening cam-set by either viewing the unit through a Web browser, or by directly pinging it through the command prompt (type "ping " followed by the IP address).