



TECH NOTE

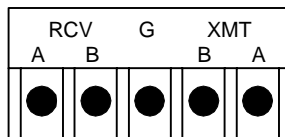
VICON TECHNICAL SERVICES GROUP

Subject: Kollektor RS422 Data
Product: All Kollektor Series
Number: 1400-0001-07-01
Date: 05/14/02

Kollektor to Surveyor Camera Data Wiring

The illustration shown below is the connector end of the *Black Box Corporation™* IC473A-F RS232 to RS422 converter that is supplied with the Kollektor series.

Wiring connections are as follows:



<u>IC473A-F</u>	<u>V1400X-IDL Input</u>	<u>V1400X-IDL Output</u>	<u>Surveyor</u>
Xmt A (-)	J11-5 Comm In –	J1-2 Comm Out –	TB3-3 Comm In –
Xmt B (+)	J11-6 Comm In +	J1-3 Comm Out +	TB3-5 Comm In +
G (Shld)	J11-4 Ground	J1-1 Ground	TB3-1 Ground

Notes:

1. If no DL unit is used simply wire the **IC473A-F** directly to the **Surveyor**.
2. Connect the **IC473A-F** to the Kollektor Comm port labeled **P-T**. The location of this port may vary by Kollektor model but only one port will be labeled **P-T**.
3. Set the Surveyor camera to NTSC - VPS – Simplex – RS422. Address as required, 1 – 16.
4. The Kollektor only supports simplex communications and cannot access Surveyor menus or presets above 10 from the regular operating screen. But all presets are accessible from the Camera Control tab of the Preference screen which is accessed by selecting the ! symbol on the regular operating screen.
5. The V1400X-IDL output connector listed above is shown as J1. All output connectors, J1 through J10, are connected the same.
6. The *Black Box Corporation™* IC473A-F converter can be obtained from Vicon Industries by ordering part number 1240-5308-00-00.