Trio Motion Technology Ltd.
Shannon Way, Tewkesbury,
Gloucestershire.   GL20 8ND
United Kingdom
Tel: +44 (0)1684 292333
Fax: +44 (0)1684 297929

1000 Gamma Drive
Suite 206
Pittsburgh, PA 15238
United States of America
Ph: +1 412.968.9744
Fx: +1 412.968.9746

www.triomotion.com

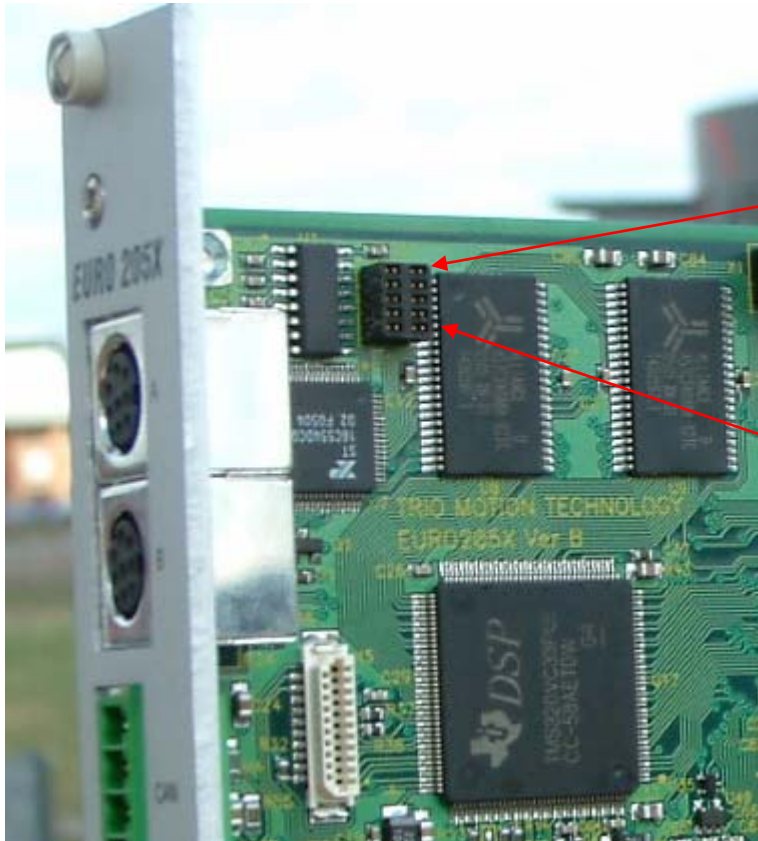|	
Doc No.:	**TN20-93**
Version:	**1.0**
Date:	**18th January 2007**
Subject:	**Euro205X – Additional Serial Connector**

Technical Bulletin

Background

An additional socket was added to the Euro205x to allow the serial connections to be passed through to another board mounted on the Euro205x. This could also be used to bring the serial connections out on a cable to a panel mount connector.

Applicable versions

This connector is available on all versions except version A.

Position of Connector

Pin 1

X9 – Additional Serial Connector.
Manufacturer: Samtec
Part No: SLM-105-01-S-D

Connector Pin Out

Signal	Pin No.	Pin No.	Signal
RS232 Transmit (Port 0)	2	1	RS485 A Rx+ (Port 2)
RS232 Receive (Port 0)	4	3	RS485 B Rx- (Port 2)
0V	6	5	0V
RS232 Transmit (Port 1)	8	7	RS485 Z Tx- (Port 2)
RS232 Receive (Port 1)	10	9	RS485 Y Tx+ (Port 2)

The Samtec TMS series, amongst others, can be used to mate with this connector. Possible parts to use are:-

Right angle: TMS-105-01-G-D-RA

Straight: TMS-105-01-G-D