

## SCANWORKS® MULTI-TAP REMOTE INSTRUMENTATION CONTROLLER (RIC-4000)

### PRODUCT OVERVIEW

The Remote Instrumentation Controller (RIC) provides an extremely flexible interface for communication between your ScanWorks® platform and your unit under test (UUT). It supports autosensing Ethernet and connects directly to your UUT. The RIC-4000 controller will be setup with an IP-address of your choice to make it available on your network. With the proper network connections and permissions, you can sit at your desk and control operations on a UUT anyplace in the world.



### FEATURES

The RIC-4000 comes with four TAPs, 32 software controllable bi-directional DIO signals (8 per TAP), programmable TCK up to 50 MHz, and UUT logic levels from 0.8V to 3.3V. It supports 10/100/1000 CAT5E/6 Ethernet all in a rugged enclosure. The RIC-4000 Kit includes:

- The controller module
- UUT cable(s) depending on selection options
- CAT5e ethernet cable (2 meters)
- Power supply, AC-DC 5V 4A

### FLEXIBLE UUT INTERFACE

The TAP port concatenation is controllable by software, allowing a very flexible connection to the UUT and any daughter boards, or interface boards in the system. Voltage on each TAP-port and DIO-signals are individually software controllable. Individual termination on each TAP signal and some DIO signals, all software selectable.

#### Key Features

*1-4 TAP ports to the UUT*

*32 DIO, 8 per TAP*

*Software selectable TAP and DIO voltages, 0.8V-3.3V*

*All signals are 5V tolerant*

*160kHz to 50MHz TCK*

*Autosensing Cat5e Ethernet*

*SVF, STAPL for ISP*

*Scan by scan debug*

### SCANWORKS PLATFORM FOR EMBEDDED INSTRUMENTS

ScanWorks Platform for Embedded Instruments is a seamless software environment to access, run and collect data from any instrument in your chips, circuit boards or systems. The ScanWorks Platform includes products for Boundary-Scan Test (BST), Processor-Controlled Test (PCT), High-Speed I/O (HSIO) Validation, FPGA-Controlled Test (FCT) and IJTAG test.

#### ASSET CONTACTS:

Please contact your ScanWorks sales representative for more information.

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