Torridon Controllers
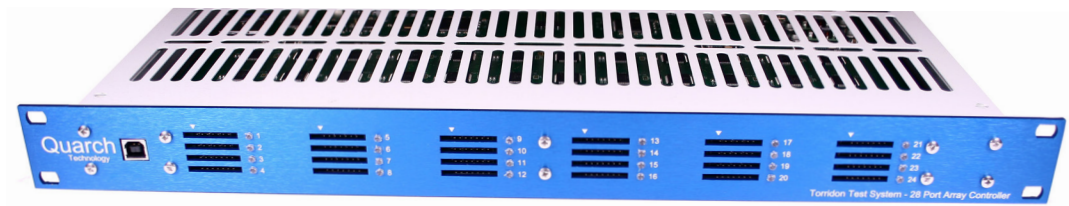
Modular, expandable control for all Torridon Devices

Quarch
Technology

Torridon Controllers

Modular expandable control for all Torridon devices

Highlights

- Supports all 'Torridon' compatible modules
- Simple, expandable system allows your test setup to grow
- Control 1 module or 100+
- Supports a range of Serial, LAN and USB control options for easy automation

Use Cases

Bench Testing   Connect to a single Torridon compatible module on the bench

Enclosure Testing   Control hot-plug modules behind every drive in your array

System Testing   Manage drive, cable, card and switch modules from the same controller

Simple, Expandable Control

Most Quarch modules are 'Torridon' compatible. This means that they have a standard 8-pin Torridon header connector that allows them to link to an external controller. Many modules (drive, cable module and more) require a controller, while some (power, switch modules) may have additional ports for direct control.

A Torridon controller provides power to the module and a set of connection options to send commands. All controllers support Serial and USB and some also have LAN options. You can start with a single module for bench testing expand slowly to a large automated test system with almost no change to your scripts.

Controller Types

Interface Kits control a single module, normally for bench testing or basic automated tests.

These contain an integrated USB-Serial converter for PCs that do not have a native serial port.

Array Controllers can run multiple modules at the same time, and can be chained with a standard RJ-45 cable to expand the test system further.

Array Controllers can be rack mounted in 1U and extension cables are available to connect to modules up to 3 meters away.

Commands can be broadcast to single or multiple modules at the same time through the simple addition of an address list to the end of the standard command.

All control options use the same simple ASCII text commands. This allows very simple integration to any host that can open a Serial, USB, Telnet or REST connection.

Supplied Parts

Controller   - The main unit
Power Supply   - External 12v power supply, with country specific plug
USB Cable   - 2 meter USB cable
Serial Cable   - 3 meter DB-9 Serial cable

Also Required

Downloads   - Our website contains many useful downloads to help you get started: www.quarch.com

                         USB Drivers

                         Technical Manuals

                         Quick Start Guides

                         Example Scripts

                         TestMonkey GUI

Support

Quarch provides direct support to all customers, regardless of the sales channel you use to purchase our equipment. We are available over email, or by phone during UK office hours. Our regional partners are also trained to handle many of the most common questions you might have.

Our support is normally free, though there may be charges if you require on-site training or significant development work. Please contact us if there is anything we can do to help.

Pleas see our website for access to drivers, technical manuals, quick-start guides, example scripts and more

Email	Phone	Web
support@quarch.com	+44 1343 508 140	www.quarch.com/support

Ordering

Quarch have a network of specialist partners around the world. Please contact our partner in your region if you require a quote.

We recommend evaluating our products before purchase, so our partners will be happy to arrange a free evaluation unit.

Regional Contact Details

North America
SerialCables LLC
Colorado, California

Email	sales@serialcables.com
Web	www.serialcables.com
Phone	+1 303-495-2320

China, Hong Kong, Taiwan
Saniffer
Hong Kong

Email	sales@saniffer.com
Web	www.saniffer.com

India
ESA Group
Bangalore

Email	quarchsales@esaindia.com
Web	www.esaindia.com
Phone	+91-80-67648888

Europe and ROW
Quarch Technology
Scotland, UK

Email	sales@quarch.com / support@quarch.com
Web	www.quarch.com
Phone	+44 1343 508 140

Products Versions

Product Code	Product Options		
QTLXXXX/KIT_YY	Product code, made up from options below		
QTLXXXX	QTL1260	Torridon Interface Kit	
	QTL1461	4 Port Torridon Controller	
	QTL1079	28 Port Torridon Controller	
/KIT_YY [1]	/KIT_US	US Power Cable Option	
	/KIT_EU	EU Power Cable Option	
	/KIT_UK	UK Power Cable Option	

[1] QTL1260 does not require this option. The provided PSU contains all country specific options
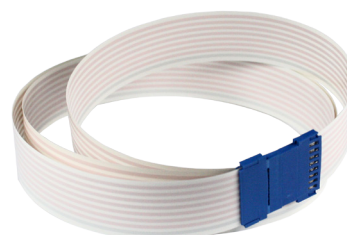
Related Products

Product Code	Description
QTL1752	4 Port Torridon Controller Rack Mount Panel - Front
	Rack mount for 1 or 2 4-port controllers (Torridon ports face out)
QTL1855	4 Port Torridon Controller Rack Mount Panel - Rear
	Rack mount for 1 or 2 4-port controllers - (Torridon ports face 'inside' rack)
QTL1381	100cm Torridon Extension Cable
	Extends distance to the controlled module, other lengths are available

QTL1752 - Front facing rack mount for 2x QTL1461

QTL1855 - Rear facing rack mount for 2x QTL1461

QTL1381 - Torridon Extension Cable

Technical Information

External Connections	QTL1260	QTL1461	QTL1079
Torridon Ports	1	4	28 [*1]
PSU	12V 15W	12V 60W	
USB	√	√	√
Serial	√	√	√
LAN	X	√	√
Chaining Port	X	√	√

[*1] 24 on front of unit, and 4 on the rear

Physical Dimensions	QTL1260	QTL1461	QTL1079
Length	46mm	164.5mm	252mm
Width	55mm	165.9mm	482mm
Height	30mm	43.65mm	44mm
1U Compatible	X	√ [*1]	√

[*1] One or two units can be mounted in 1U, with separate rack mount kit

Features	QTL1260	QTL1461	QTL1076
DB-9 Serial Control	√	√	√
USB Control	√	√	√
REST Control (LAN)	X	√	√
Telnet Control (LAN)	X	√	√
USB Virtual COM Port	√	X	X
Multi-user Access [*1]	X	√	√

[*1] Concurrent multi-user access is only available over REST API