

UPort 2410 connects observatory equipment
2010-10-22

Location / Country :USA

Product Solutions:

[UPort 2410](#)

4-port RS-232 USB-to-serial converter

Introduction

Project Introduction

An observatory in the US needed a COM port expansion solution to control the dome, filter-wheels, and telescopes. The astronomical equipment used RS-232 serial interface for advanced controlling and the control side is only equipped with USB ports. The observatory needed a space-saving and easy wiring solution capable of transmitting data between RS-232 and USB interfaces for the astronomical equipment.

Moxa Solution

Moxa provided the easiest solution for both communication and space requirements in the dome by implementing the UPort 2410 wall-mounted 4-port RS-232 USB to Serial converters. The UPort 2410 comes with up to 921.6 Kbps serial transmissions and Hi-speed USB 2.0 for up to 480 Mbps over USB. All of these features helped to optimize data transmission and real-time data processing for the observatory.

Why Moxa

- Multiple ports and wall-mountable USB to serial solution to save space and wiring effort
- Quick and easy installation driver
- Plug-and-play
- No need for an external adapter

Application Topology

