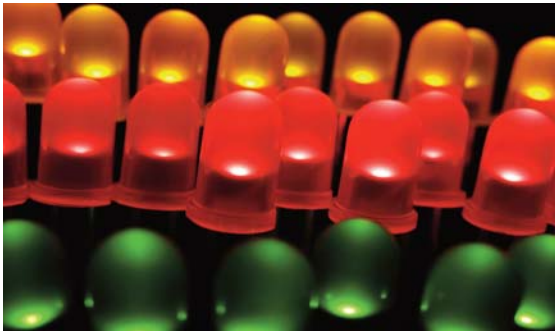




Website: [www.heber.co.uk](http://www.heber.co.uk)

Sales: +44 (0) 1453 732302  
sales@heber.co.uk

Support: +44 (0) 1453 732312  
support@heber.co.uk



## **XLuminate** USB gaming controller module that controls 256 multiplexed lamps or LEDs.

### **XLuminate**

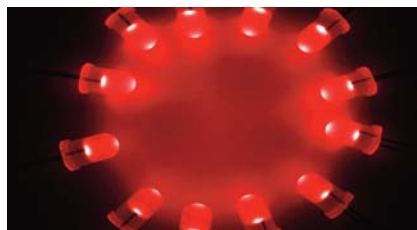
XLuminate from Heber has been perfectly designed to be added to Axis 945 or any Windows® or Linux gaming system equipped with a USB port. Designed to control up to 256 multiplexed lamps or 256 LEDs, XLuminate adds total lighting control to your gaming machine application.

### **Individual lighting control and effects**

XLuminate allows you to control individual lamps or LEDs and has 16 individual dimming levels. Stunning lighting effects can be created including fading, quick switching and Tri-colour LED control. XLuminate also includes onboard memory storage which enables multiple LED data patterns to be used for the quick switching of LED effects, such as text displays and other lighting patterns.

### **Included development tools**

XLuminate includes an LED demonstration board and CD-ROM containing Windows® and Linux drivers with easy to use, proven, robust software and demonstration programs. The LED demonstration board enables you to simulate LED displays as you run the demonstration software and develop your code.



### **Key features**

- Controls 256 lamps or 256 LEDs
- Individual lamp and LED dimming
- LED special effects
- LED pattern data storage
- Windows® XPe / Linux drivers

### **Ideal for...**

- Use with Axis 945
- PC based gaming systems

### **The Heber advantage**

When you buy an XLuminate from Heber you benefit from:

- 25 years gaming industry experience
- Compliance with worldwide gaming standards
- Our team of dedicated specialist engineers
- Bespoke gaming designs
- Free customer support
- Total product dependability

## XLuminate Technical specifications

### Host Communication Ports

USB 1.1/2.0 compatible interface

### Lamp / LED Multiplexed Output Drive

256 lamps (12V, 1.2W, 48V supply) or 256 LED multiplex

### Multiplex Features

Standard incandescent lamps or a wide range of different LEDs can be connected and configured in software

Configurable as 3 banks of RGB LEDs for full colour effects

Current sensing to allow tests for both "Bulb Present" and "Bulb Short"

16 individual dimming levels for each lamp or LED

### Pattern Storage

Onboard SRAM storage for download of multiple LED data patterns provides quick switching of LED effects

### Supported Operating Systems

Microsoft® Windows®

Linux

### Development Tools

LED demonstration board

CD-ROM with:

Demonstration programs

Source code

Windows® XPe and Linux software drivers

### Dimensions

90mm x 182mm (3.54" x 7.17")



### Related datasheets

Axis 945 PC controller  
Datasheet 80-20235

Axis 945 DV PC controller  
Datasheet 80-20250

Axis 945 SL PC controller  
Datasheet 80-20237

Axis 945 DV SL PC controller  
Datasheet 80-20251

X10i USB expansion board  
Datasheet 80-20239

Datasheet 80-20304-1 06/08

© Heber Ltd 2008  
Heber Ltd, Belvedere Mill, Chalford,  
Stroud, GL6 8NT. UK

Precise specifications may change  
without prior notice. E&OE.

This document does not constitute  
an offer for the sale of any particular  
product. All trademarks are  
acknowledged.