



Connect without wires

Digital library masters in Estonia

eLectures in Australia

Mastering image management

Mobile learning in Nigeria

# welcome



This issue features a special focus on developments in education and libraries from Australia to Estonia and Saudi Arabia. We also have a host of

excellent articles from the UK plus our index of 2010 articles and reviews.

Warm regards,

Catherine Dhanjal, Managing Editor

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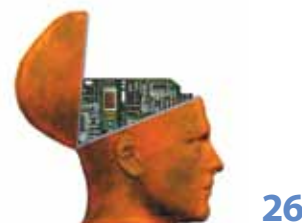
We are sending a communication to each of our Group members in the post this month to encourage you to renew your Group membership, to reiterate the benefits the Group offers and also to encourage you to register your email address with Cilip so that we can email updates to you in the future.

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# contents

## News

New iPad app explores why the net matters; national public union catalogue update; joint German & British WW1 archives **3**

## Reviews

Book review: The Future of Archives and Recordkeeping **4**  
Product review: Audio Notetaker **6**  
Product review: Trulink wireless **8**

## International focus

Skype for information literacy teaching in Canada **10**  
elearning in Nigeria and Saudi Arabia **13**  
eLectures in Australian HE **16**  
Digital library programme crosses three countries **18**

## Features

Bodleian develops website to complement physical exhibition **21**  
Expert's view on image management for librarians **24**  
Overcoming digital format obsolescence **26**  
Information literacy for PhD students **30**

## 2010 index

**32**

## Technology roundup

**35**

Advanced search tips; historical news with Google News Archive

## and finally...

Coming soon; cartoon **36**

## Trulink wireless products: wireless video broadcasting in the home or work



...more modern methods of delivery to keep up with the much richer content available today

Recently I had the pleasure of using the TruLink Wireless USB to VGA Adapter Kit (see Figure 1) which wirelessly transmits video, the highest VGA resolution (UXGA) and the TruLink 1-Port 60 GHz WirelessHD Kit (see Figure 2) which can connect to your HDMI source to wirelessly transmit full 1080p HD. Both can send video up to around 30 feet.

For some time now, signal transmitters and receivers have been available that enable video and audio to be sent to an area of a room or to another section of your home entirely, however we are now in the high definition age and we need to look forward to more modern methods of delivery to keep up with the much richer content available today. I have to make it clear however that neither TruLink Wireless Kits works from room to room as the devices require 'line of sight'. Therefore, if you were hoping to deliver an HD signal from the living room to your bedroom, you are out of luck with this particular item. What this product does offer though is a solution to the problematic cable placement dilemma, particularly when your flat screen television hangs on the wall and the last thing you want to see is a selection of protruding HDMI leads.

Both units are capable of transmitting and displaying 1080p signals and can quite happily deal with PCM, Dolby Digital and DTS audio. Even though the information is sent wirelessly from one device to another, the data is actually uncompressed, preserving much of the original source quality. In fact, most of the time, you will not even notice the difference from a wired or wireless connection. I only noticed a slight delay once while watching an AVI video being



Figure 1: TruLink Wireless USB to VGA Adapter Kit

transmitted from my HP laptop to my HD TV. So I'll provide a little more on both.

### TruLink 1-Port 60 GHz WirelessHD Kit

The TruLink 1-Port 60 GHz WirelessHD Kit enables full 1080p high definition wireless transmission between your television and your HDMI components (e.g. Blu-ray player, set-top box, gaming console or other HDMI device to your HDMI-enabled television). The 60 GHz transmission capability means greater flexibility in your home theatre setup by allowing you to place the in-room components up to 33 feet (10 metres) apart (longer distances may be supported depending upon the environment).

The TruLink Wireless HD Kit comes

...provides a solution to the problematic cable placement dilemma

complete with a wireless HD transmitter, wireless HD receiver, wall bracket, remote control and power supplies. It really is ready to plug in and then you can get ready to watch your HD video. There is no software to install. The only switch to be found at all is to turn the device on or off. I used it on my son's Xbox 360 and I found that I only had to explain the procedure once and he used it for weeks until I took it off him to protect the bulb in my HD projector!

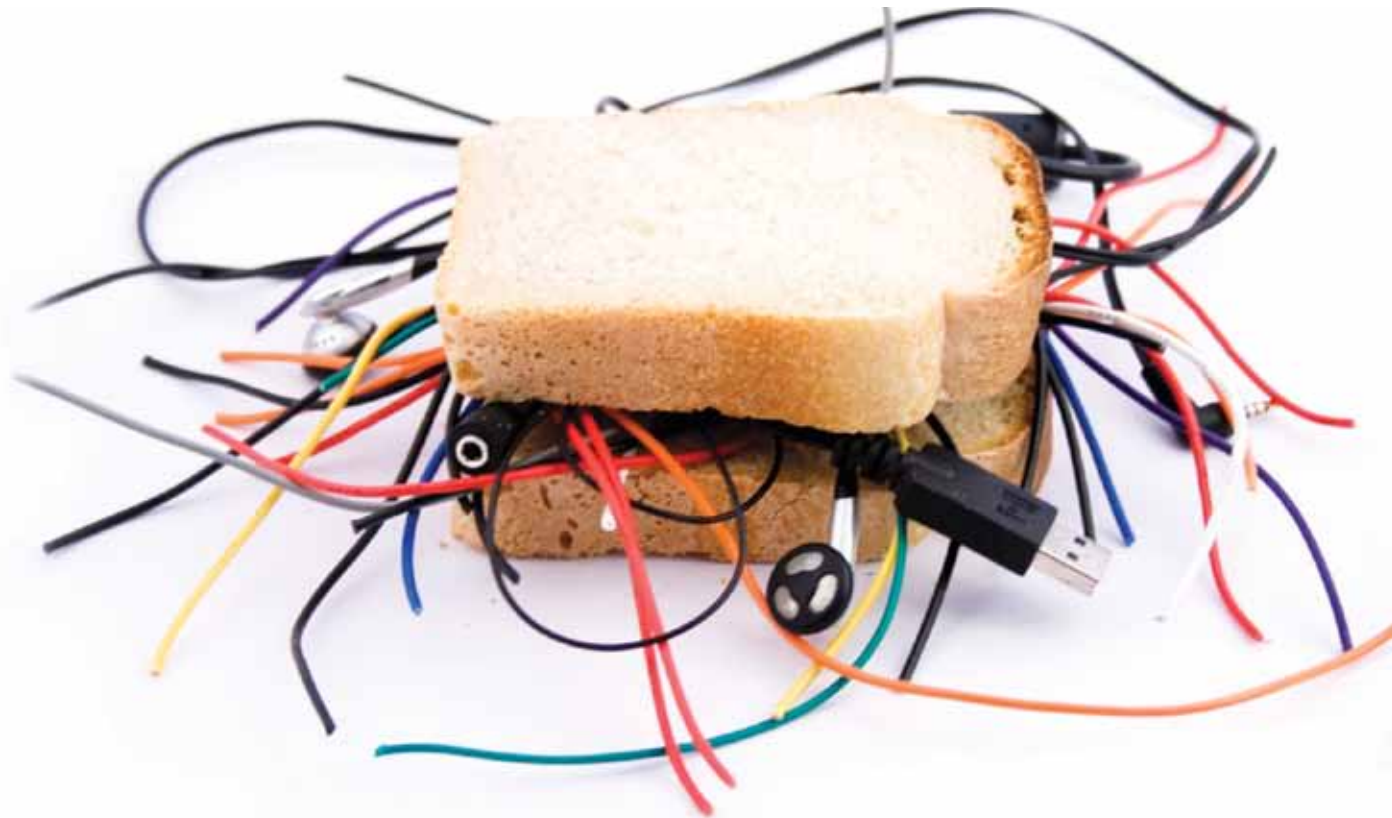
Although performance characteristics may exceed stated distance limitations depending upon the environment, the manufacturers

► recommend that best practice is that the transmitter and receiver should face each other within the same room, be located within 33 feet of each other, be placed at the same level (i.e. the transmitter should not be placed higher than the receiver), and be located in open spaces (i.e. not in a cabinet or enclosed shelf). The system is WirelessHD 1.0 certified, meets Digital Transmission Content Protection (DTCP)

protocol, is compatible with other WiHD-enabled consumer electronics bearing the WiHD logo, supports data transfer and 7.1 channel surround sound. There is a 1 year warranty. The only system requirements are an available HDMI port on connected component and an available HDMI port on television/monitor. Prices online are around £170-£200.

#### TruLink Wireless USB to VGA Adapter Kit

This product was voted one of the top 25 hot products to see at CES 2009. It can wirelessly transmit the UXGA/WSXGA video signal up



to 30 feet (line of sight). This kit includes all you need to wirelessly display video content from your computer to a remote monitor, projector, or TV. Using Ultra-Wide Band technology, the USB to VGA kit enables in-room wireless connectivity up to 30 feet between the computer and the display.

up to six computers can share one wireless display

The secure wireless connection is ideal for classroom or conference room presentations or to display content from a laptop to a

home entertainment system. It works in both extended desktop and dual monitor screen modes and supports native mode for playback of high resolution video. Up to six computers can share one wireless display. I took it with me to a presentation that I did and the kit works perfectly. Many of those in attendance were impressed. This kit differs from the other in that it does require the software which comes with it to be installed on the transmitting device (in my case the laptop). System requirements are Microsoft Windows XP 32 bit, Windows Vista 32/64 bit, or Windows 7 32/64 bit. You may need

to upgrade the firmware and install the driver that is compatible with Windows 7 from the official website.

In summary, this device supports up to UXGA (1600 x 1200 pixels) and WSXGA (1680 x 1050 pixels) resolutions wirelessly up to 30 feet. Video streaming is supported up to 720p (720p only available at resolution of 1024 x 768 pixels or lower) and it is certified Wireless USB 1.0 compliant. There

is a 1 year warranty. Current prices online range from £110-£150. ■

The TruLink Wireless HD Kit is available through Cables To Go partners. [www.cablestogo.co.uk](http://www.cablestogo.co.uk).



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# coming soon...

Greek and international search engines

Cloud computing

Mobile apps for Canadian public libraries

Reading lists in VLEs

News

Reviews

Technology roundup

## Please update us!

We have sent a communication to each of our MMIT Group members this month which outlines what the Group offers members, and asks you to ensure that your current email address is registered with Cilip Membership so that we can keep you abreast of developments.



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Your articles, photographs, reviews, thoughts and suggestions for the journal are always welcome, just contact Catherine Dhanjal on [catherine.dhanjal@theansweruk.com](mailto:catherine.dhanjal@theansweruk.com) or call 01883 650434.



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