

# Imagine what can do



Light Touch™ is an interactive projector that turns any flat surface into a touchscreen.



The virtual display is spill and fingerprint resistant. It's as easy to clean as a regular table-top.

Applications include:

Interactive ordering system in Restaurants, Bars and Hotels

Wipe-clean, pathogen resistant touchscreen for Healthcare environments

Virtual touchscreen in the kitchen for watching cooking programmes, browsing recipes and purchasing groceries online

## How it works

Light Touch™ has **Holographic Laser Projection (HLP™)** technology inside which creates bright, high-quality video images in WVGA resolution. HLP's™ ultra-wide projection angle and long depth of field enable the image to be projected right next to the projector. Integrated infrared sensors detect motion, turning the projected image into a 10" virtual touch screen. The user can control the projector and interact with applications simply by touching the image.

## Multiple Applications

Light Touch™ is a versatile application platform. Custom applications can be easily created using Adobe's Flash Lite or Microsoft's .NET software tools. Onboard WiFi and Bluetooth enables applications to connect directly to the internet, other devices and backend systems.

## Easy Integration

Light Touch™ can be battery or mains-powered and has been designed for use as a stand-alone device (with industrial designed skin) or for easy integration into table fittings, wall mountings, kiosks and a host of other devices (metal casing).



*The opportunities for Light Touch™ extend into retail spaces, the workplace and the home, profoundly changing the way people interact with multimedia content and the built environment.*

## Features

- Full-colour laser projected display
- 9.5” display, WVGA resolution
- Integrated infra-red sensors turn display into touch sensitive user interface
- 18 lumens for typical video content, 30 lumens for typical applications
- Class 1 laser classification—completely eye safe under all conditions
- Supports applications developed in Flash Lite and Microsoft.NET
- Media Player capability including internal storage, video decode and stereo audio

## Product Specification

### DISPLAY

Type	Holographic Laser Projection (HLP™)
Image Size	9.5” diagonal
Brightness	Dependent on content. 18 lumens for typical video, 30 for typical user interface applications
Resolution	WVGA (848 x 480)
Laser Class	Class 1—eye safe under all conditions

### INPUT & OUTPUT

Touch Sensor	IR Optical sensor capable of multi-touch gesture support
Audio	3.5mm stereo headphone out Internal mono speaker
Video	Composite video in (4-pole 2.5mm socket)
I/O Connectors	USB Host (Full-size Type A connector) USB Device (Micro type AB connector) Micro SDHC card (push-push socket) Composite video input available
Wireless Networking	Integrated WiFi chipset supporting 802.11b/g with WPA2 Bluetooth v2.1 available

### SYSTEM

Application Software	Adobe Flash Lite / Microsoft.NET
Operating System	Win CE 6 R2
System Memory	128MB RAM, 265MB flash ROM
Application Memory	Internal 3GB flash, upto 32GB with external micro SDHC card
Power Input	5v (+/-10%) DC input socket
Power consumption	<10W
Temperature Ranges	Operating +5 to +35°C / Storage -20 to +60°C
Lifetime	10,000 hrs (subject to ongoing evaluation)

### SIZE

Dimensions & Weight	119 x 32 x 190mm, 700g
---------------------	------------------------