

# Light Touch™ Product Brochure



**LIGHT BLUE  
OPTICS**

Shaping Light Brilliantly

*In partnership with*  
**micros<sup>®</sup>**

# Imagine what can do



*“Light Touch™ is about to revolutionise the restaurant and hospitality business, turning tables into instant touchscreens”*

Tim Brown, VP Strategic Accounts, MICROS



Light Touch™ is an interactive projector that turns any flat surface into an instant 10” touchscreen.

The virtual display is spill proof, fingerprint resistant and it’s as easy to clean as a regular table-top.

Combined with MICROS’s mycentral, Light Touch™ becomes an ideal ordering solution for restaurants, bars and hotels.

It connects to your existing EPOS system using onboard wireless networking or ethernet connection.

Light Touch can connect to both MICROS and Non-Micros EPOS systems — just ask our sales representatives for details.

### How it works

Light Touch™ has **Holographic Laser Projection (HLP™)** technology inside which creates bright, high-quality video images in WVGA resolution. Integrated infrared sensors detect motion, turning the projected image into a 9.8" virtual touch screen. The user can control the projector and interact with applications simply by touching the image.

### Multiple Applications

Custom applications for Light Touch™ can be easily created using Adobe's Flash Lite or Microsoft's .NET software tools. Onboard Wireless Networking enables applications that connect directly to the internet, other devices and existing EPOS systems.

### Easy Integration

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

### EPOS Connectivity

When combined with mycentral, MICROS' cloud-based ecommerce platform, Light Touch™ becomes a wireless ordering solution that interfaces seamlessly with your existing EPOS system or ticket printer, creating true differentiation, increasing operating efficiency and generating additional revenue per cover.

*Ask us about arranging your pilot programme today*



*"Light Blue Optics turns KFC tables into touchscreens"*

[The Telegraph](#)

*"Patrons can browse through a menu on their table, or type text, with the help of that all-important infra-red sensor, with the information sent back to waiting staff."*

[Forbes.com](#)

*"Imagine a restaurant where you browse the menu by touching an interactive tablecloth."*

[Wired Magazine](#)

*"...peruse a drinks menu beamed onto the counter by a tiny projector, then swipe your index finger over an image of a martini... Off will go your electronic order, the real drink arriving minutes later."*

[The New York Times](#)

## Features

- Full-colour laser projection display
- 9.8" 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
- Supports applications developed in Flash Lite and Microsoft .NET Compact Framework
- Media Player capability including internal storage, video decode and stereo audio
- Connectivity includes composite video in, stereo headphones, USB OTG, micro USB



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## Contact Details

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@lightblueoptics

## Product Specification

### DISPLAY

Type	Holographic Laser Projection (HLP™)
Image Size	9.8" diagonal
Brightness	Dependent on content. 18 lumens for typical video, 30 for typical user interface applications
Resolution	WVGA (848 x 480)
Laser Class	Class 2

### INPUT & OUTPUT

Touch Sensor	IR optical sensor capable of multi-touch gesture support
Audio	3.5mm stereo headphone out Internal mono speaker
I/O Connectors	USB Host (Full-size Type A connector) USB Device (Micro type B connector) Micro SDHC card (push-push socket)
Wireless Networking	Integrated Wireless Networking chipset supporting 802.11b/g with WPA2 Bluetooth v2.1 available for evaluation

### SYSTEM

Application Software	Adobe Flash Lite 3.1 / Microsoft .NET CF 3.5
Operating System	Win CE 6 R3
System Memory	128MB RAM, 256MB flash
Application Memory	2GB internal flash. External micro SDHC card up to 32GB
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 (excluding ID shell)
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