

## Evolve ONE

### GESTURE COMPUTING WITH LARGE FORMAT MULTI-TOUCH LCD SCREENS

The 47-inch multi-touch Full HD LCD offers true multi-touch and multi-pen functionality on a brilliant, high-resolution screen. Users can also directly manipulate objects on the screen using natural gestures. The combination of gestures with multi-touch inputs unleashes exciting possibilities for a multitude of collaborative, design, and information visualization environments.

#### KEY FEATURES

Evolve Integrated Through Screen Optics (ITSO) Sensing Technology enables true multi-touch and gesture computing for large flat displays.

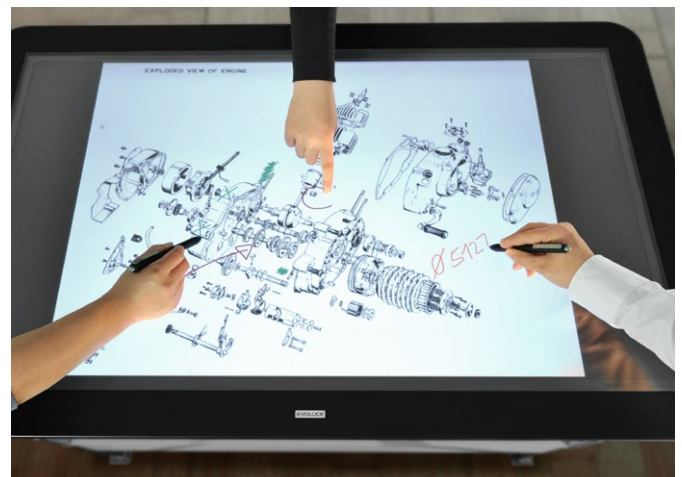
- True multi-touch (unlimited simultaneous inputs)
- True multi-pen (unlimited simultaneous inputs)
- Object and tag recognition
- Gesture computing
- Fully integrated into LCD panel

#### HIGHLIGHTS

- Excellent Evolve-designed haptics
- Vertical or horizontal integration
- Unique ITSO sensing technology
- Evolve MIM tracking software 2.0
- APIs: Windows 7, TUIO, Java, XML
- Operating system Windows 7

#### UNIQUE BENEFITS

- Beautiful flush Full HD display
- Write and draw naturally with fingers or pens (one pen included)
- Direct multi-touch operation of Microsoft Windows 7 desktop and applications
- Opens a whole new world of applications created in WPF/Silverlight, Flash, Java, C++, C#, etc.
- Collaborative natural surface



# Evolve ONE

## HARDWARE SPECIFICATIONS

Screen Technology	LCD TFT
Size	<b>47-inch diagonal</b>
Screen Dimensions	1034 mm x 585 mm
Aspect Ratio	16:9
Screen Resolution	Full HD, 1920 px x 1080 px
Outer Dimensions	1156 mm x 700 mm x 501 mm
Surface	Special haptic touch interface for smooth interaction
Case color	Dark grey casing
Multi-touch technology	Evolve Integrated Through Screen Optics (ITSO) Sensing Technology
Multi-touch method	Multiple simultaneous inputs by pen and finger, no practical limit
Sensing Frequency	60 Hz
Ambient Temperature	0-35 °C
Power supply	110-240V VAC, 50/60 Hz
Hardware Connectors	DVI, D-Sub, 3x FireWire (6-pin)
Warranty	1 year

**Supplied with Evolve Multitouch Input Management (MIM) Software**

## SOFTWARE FEATURES

Number of simultaneous touches	Unlimited
APIs	Microsoft Windows 7, TUIO, Java, XML
Tag Recognition	8-bit binary tags (256 tags)

## PC AND OPERATING SYSTEM REQUIREMENTS

Operating System	Microsoft Windows 7 (32 bit) versions with multitouch functionality
Processor	Intel architecture minimum 2.8GHz dual core or 2GHz quad core.
Memory	1 GB
Free Hard Disk Space	500 MB
Graphics	No special requirements
Slots	2 free PCIe slots (x1-x16)
Firewire Cards	2 FireWire cards each with 2 ports and 2 Texas Instruments IEEE 1394(a) controllers. Suggested card: Exsys EX-16502E

**Note:** These requirements only apply to the MIM Tracking Software and do not account for any requirements of the user's application or method of operation.

PC, FireWire cables and cards are not included.