



# PHILIPS Signage Solutions

SmartTouch Overlay Accessory

## TOL Series

32"	TOL3250EL	TOL3220QL
42"	TOL4250EL	TOL4220QL
46"	TOL4650EL	TOL4620QL
55"	TOL5551EL	TOL5520QL
65"	TOL6520EL	

## Experience

## Cost-Effective add-on

## Multi-Touch Flexibility

- *Seamless Touch Integration*
- *Optimal Multi-Touch Performance*
- *Simple Operation and Easy Maintenance*
- *Smart Recognition*



PHILIPS

**Seamless Touch Integration**

IR touch technology with simple installation  
 Narrow Bezel  
 Accurate and Reliable

**Optimal Multi-Touch Performance**

True 6-Point Simultaneous Multi-Touch capable  
 Ultra-Fast Touch Speed  
 Finger, Gloved Hand, Stylus or Pointer with diameter  $\geq 7\text{mm}$  touch methods  
 Flexible Control of 6 Touch Points in 90°/180°/ 270°  
 Landscape or Portrait Orientation

**Simple Operation**

Single USB Connection  
 HID Compliant Plug-and-Play Interface  
 TUIO Protocol

**Easy Maintenance**

Low Maintenance Requirement  
 Auto Calibration

**Smart Recognition**

Object Recognition (Finger, Pointer, Stylus, etc.)  
 Automatic OS Recognition

	<b>TOL3250EL</b>	<b>TOL4250EL</b>	<b>TOL4650EL</b>	<b>TOL5551EL</b>	<b>TOL6520EL</b>
	for BDL3250EL	for BDL4250EL BDL4271VL	for BDL4650EL BDL4671VL	for BDL5551EL	for BDL6520EL
	<b>TOL3220QL</b>	<b>TOL4220QL</b>	<b>TOL4620EL</b>	<b>TOL552QL</b>	
	for BDL3220QL	for BDL4220QL	for BDL4620QL	for BDL5520QL	
Bezel (TLBR)	25.4mm	25.4mm	25.4mm	25.4mm	92.2mm
Dimension (inches)	32x19.8x2.83	39.8x23.8x2.05	43.3x25.7x1.85	50.9x29.8x1.93	61.4x36.3x2.68
Weight (lbs.)	18.92	22.66	25.08	31.68	55
Touch Technology	Infrared (IR) Technology				
Tracking Mode	6 points - true multi-touch				
HID (Automatic OS Recognition)	Windows 7/8, Vista, XP, Mac OS X, Linux, Android, Cisco, BrightSign				
Response Time (Detection Speed)	6 - 16ms				
Touch Interface	USB2.0 compatible with USB 1.1				
ESD	Level 4 Contact 4kV, Air Discharge 8kV at USB connector				
Touch Method	Any object and material with approx. diameter $\geq 7\text{mm}$				
Calibration	Auto				
Touch Activation	No Pressure Required				
Luminous Transmission	95-100%				
Ambient Light	Normal Operation in direct sunlight at $>30^\circ$ angle incident to LED banks up to 10,000 LUX. It operates in direct sunlight at $<30^\circ$ angle incident to LED banks up to 20,000 LUX. Unaffected by indoor lighting.				

**Philips Commercial Display Series**

<b>QL</b>	<b>EL</b>	<b>VL</b>	<b>XL</b>	<b>TT</b>
32" 42" 46" 55"	32" 42" 46" 55" 65"	42" 46"	46" 55"	32" 42" 46" 55" 65"
Narrow Bezels	Slim Bezels	Slim Bezels	Zero Bezels	Slim Bezel Touchscreens
350 nits	400 – 500 nits	700 nits	500 – 800 nits	400 – 500 nits
Standalone Video Array	Standalone Video Array	Standalone Video Array	Video Array Video Wall	Standalone Kiosk
3 Year "Advanced Exchange" Warranty				



Philips Signage US Business Development Center  
**Envision Peripherals Inc. (EPI)**  
 Stephen Shao  
 (678) 974-1658  
[Stephen.shao@epius.com](mailto:Stephen.shao@epius.com)  
<http://pcommercialsolutions.com>