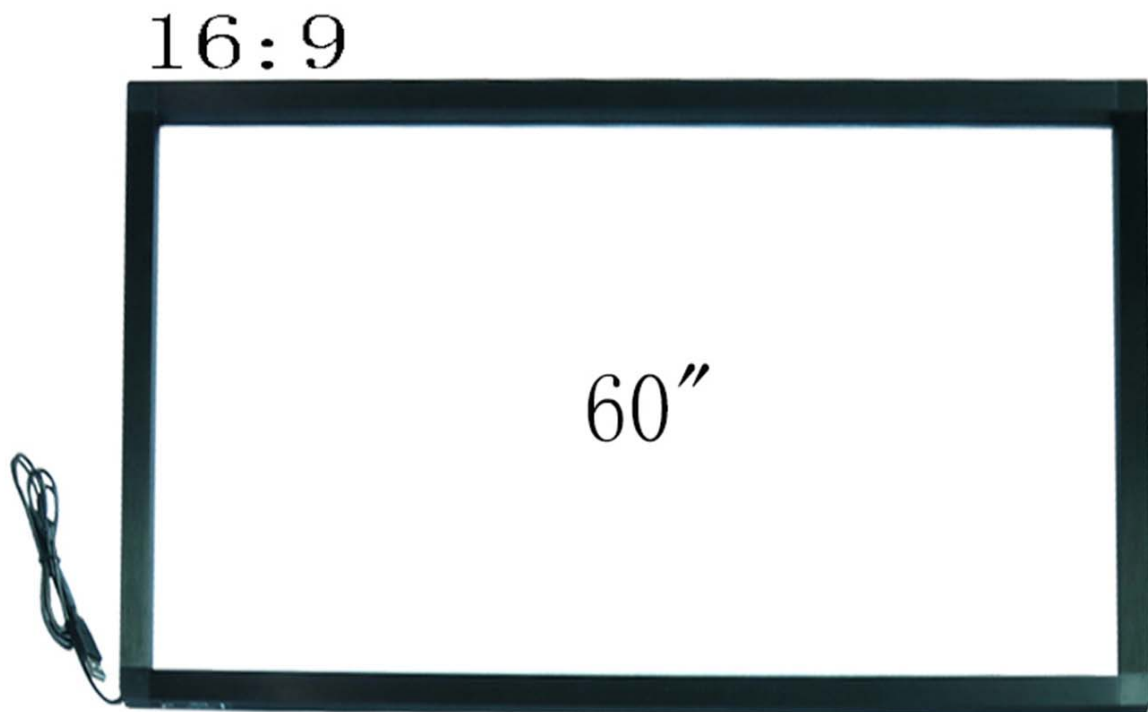# Specifications

60" IR ADD-ON TOUCHSCREEN KIT, 10 PTS

Model: AO-TFT60-IR-USB-PNB or -TNB

16:9

60"

ISO9001 CE FCC RoHS

A1Touch Solution BV

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Delivery:
Our add-on kit includes: touchscreen with integrated USB controller, USB-A cable 1.45 meter and depending on chosen option: Double sided tape (permanent mounting) or Velcro-tape (temporarily mounting).

Product Features:
1. Precise multi-point (10 points) touching.
2. USB interface, Intelligent automatic calibration.
3. Maintenance free.
4. Aluminium alloy shell with strong stability.
5. Delivered without glass (Tempered glass or Float glass on request).
6. Supporting plug and play for win-7,-8 and -10. (Mac | Linux | Android with driver).
7. No touching tools,no special touching pen is required, only your finger.
8. Fast response(less than 16 ms), no blind area, breakpoints, jump points, pause and other undesirable phenomena

Specifications:

Size:	60" (60" active area)
Touch Technology:	Infrared Touch
Color:	Black
Material:	Brushed black aluminium
Dimensions	
Outside dimensions frame (wxh)	1379.1 x 797.6+/- 1mm
Inside dimensions frame (wxh)	1333.1 x 751.6 +/- 1mm
Active area up (wxh)	1329.12 x 747.63 mm
Thickness frame:	9.5 +/- 0.2 mm
Width frame:	23 +/- 0.2 mm
Performance	
Resolution(Interpolation):	4096*4096
Ratio:	16:9
Detected touches	10 touches.
Linearity error:	1.5 mm
Response time:	<15ms
Mechanical	
Input Method:	Finger, gloved hand, or opaque object
Touch times:	Unlimited
Touch Activation Force:	No minimum touch activation force is required.
Minimum Touch Object:	5mm

Environmental suitablity	
Temperature:	Operating: -20°C ~ 70°C
	Storage: -40°C ~ 85°C
Relative Humidity:	Operating: 90%(non-condensing at max 40°C)
	Storage: 90%(non-condensing at max 40°C)
Altitude:	Up to 3000m
Life Time (MTBF):	At least 7-year
Electrical	
Scan frequency:	60Hz
Commnication interface:	USB 2.0 or RS232
Output Format:	Coordinate output
Touch Accuracy:	2mm (over 90% area)
Operation Voltage:	Typical +DC 5V, +4.75V to +5.25V
Power Supply:	Via USB, power ripple max. 200 mV rms
Power:	<2W, operating current<180mA
Operating System Support:	Windows2000, XP, 7, 8, 10, Android, MAC and Linux.
Agency Approvals:	CE, FCC Class B, RoHS

Applications:

• TV

• Monitor

• Gaming device

• Exhibition

• Education training

• Public query machine

• Self-service machine

• Interactive whiteboard

• And more