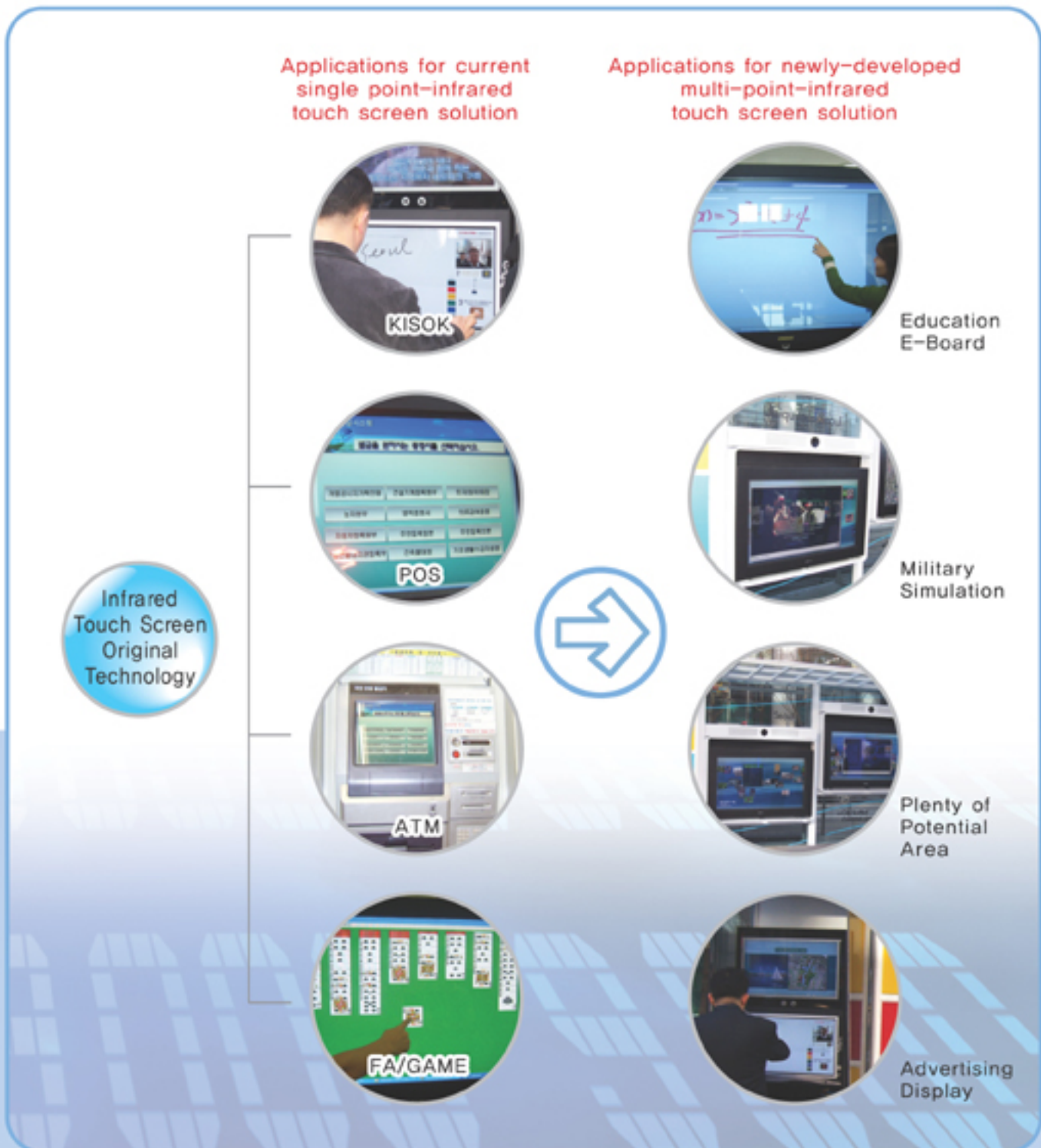# NEXIO s IR Touch Screen Solutions

In order to lead the infrared touch screen industry into a new era of information technology, Nexio Co., Ltd. has completed the development of Multi-point infrared touch screen technology first in the world.

Nexio's multi-touch screen will be providing tremendous potential for advances in the future touch screen industry. Nexio's single-point infrared touch screen solutions are optimally suited for Industrial control, Kiosk, ATM, POS, Gaming, Advertising and Digital signage applications and Nexio's multi-point touch screen will be mixed with plenty of new ideas for new applications in the future.
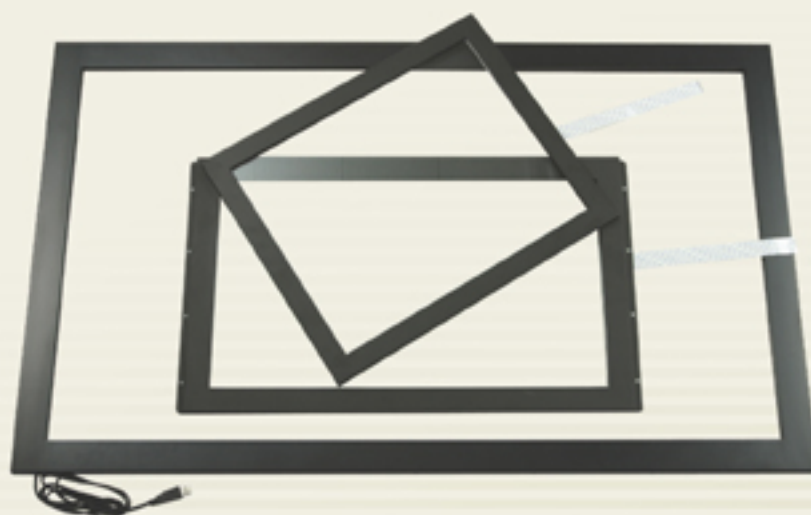
Applications for current single point-infrared touch screen solution

Applications for newly-developed multi-point-infrared touch screen solution

Infrared Touch Screen Original Technology

KISOK

POS

ATM

FA/GAME

Education E-Board

Military Simulation

Plenty of Potential Area

Advertising Display

Infrared Touch Screen

MECHANICAL	
Input Method	Finger or gloved hand activation
ELECTRICAL	
Position Accuracy	Typical centroid accuracy 2.5mm
Resolution	Touch point density is based on controller resolution of 16, 384×16, 384
Touch Activation Force	No minimum touch activation force
Operating Voltage	DC 5V
Power	0.6W (Current) 120mA at DC 5V
PANEL	
Transmission	92% Up to 100%
Response Time	under 10ms
Touch Intensity	Over 60,000,000 single point touch
Thickness Of Glass	3.2mm with anti-vandal
ENVIRONMENT	
Temperature	Operating −20˚C to 85˚C storage −40˚C to 85˚C
Humidity	Operating −20% to 85% storage 0~95%
Altitude Operating	3,000m
Seal Ability	Can be sealed to meet NEMA4 and IP65 standard
Interface	RS232(C)/USB
Multi Monitor	Split, Dual, multi monitor support
Drift	No drift
Mouse Click	Right click function support
Available Size	10.4″ to 100″ (custom size for OEM available)
Warranty	5years − lmited warranty

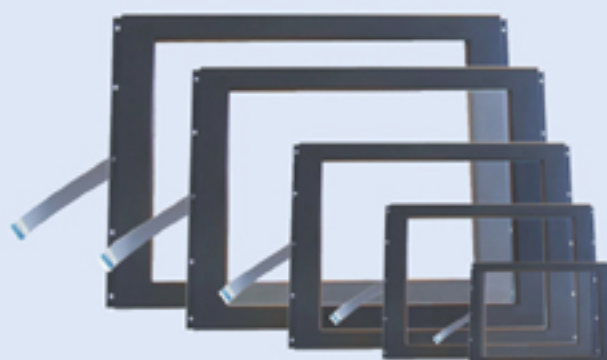✳ Note : The specifications are subject to change without prior notice

Infrared Touch Screen

■ Product size

Size (Inch)	Part #	Touch Active Area			Outside Dimensions		
		Width (mm)	Vertical (mm)	Diag (mm)	Width (mm)	Vertical (mm)	Thickness (mm)
10.4	NIB104	208.7	155.2	206.08	303.0	230.0	10.0
12.1	NIB121	240.8	176.6	298.62	329.0	247.5	10.0
15	NIB150	299.6	224.7	374.50	397.5	299.0	10.3
17	NIB170	333.9	270.3	429.59	425.0	334.0	10.3
19	NIB190	371.0	302.1	478.44	464.0	365.0	10.3
22	NIB220	470.8	294.3	555.22	564.0	364.0	11.5
23	NIB230	508.8	286.2	583.77	602.0	357.0	11.5
24	NIB240	513.6	321.0	605.66	615.6	394.4	11.5
26	NIB260	577.7	323.3	662.01	669.0	395.0	12.0
32	NIB320	695.5	390.5	797.63	809.0	482.0	11.5
40	NIB400	882.8	497.6	1013.38	988.0	573.0	14.5
42	NIB420	923.4	513.0	1056.30	1045.0	615.0	14.5
46	NIB460B	1014.6	564.3	1160.42	1105.0	653.0	14.5
47	NIB470B	1037.9	583.2	1190.53	1132.0	677.0	14.5
50	NIB500	1107.5	620.6	1269.53	1227.0	721.0	14.5
55	NIB550	1209.1	679.5	1386.95	1306.0	776.0	14.5
63	NIB630	1393.0	783.0	1597.98	1536.0	926.0	50.0
67	NIB670	1476.3	826.5	1691.91	1615.0	966.0	13.6
71	NIB710	1552.0	868.0	1783.82	1704.0	1009.0	10.0
84	NIB840	1692.9	1265.4	2113.56	1902.0	1475.0	10.0
91	NIB910	2006.4	1122.9	2299.25	2180.0	1300.0	10.0
100	NIB1000	2205.9	1236.9	2529.01	2409.0	1440.0	10.0

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Multi Point Touch Solutions

Nexio Co., Ltd. has developed multi-point touch screen solutions that allows multiple inputs at one time, enables a user to interact with a system with more than one finger, allowing for the use of both hands unlike the current common single-point touch screens which only allow for one.
Multi-point applications will be the future interface providing various applications.
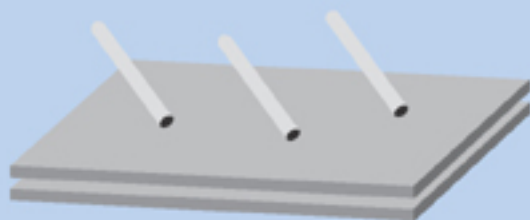
■ Benefits

Nexio Co., Ltd. provides

- Reliable Multi-point touch screen environment by using infrared touch screen solution
- Original technology of multi-point touch screen solutions and supports suitable for various applications
- Plenty of opportunities for the software developers to express their imagination on the screen
- API for developers to create the contents
- Recognition of touching size on the screen

MULTI POINT TOUCH SCREEN SOLUTIONS = NEXIO IR TOUCH SCREEN

- Expressing the user's imagination on screen
- New idea & technology support for the IT & SW industry
- Original technology support for the various application