

DOCUMENT NUMBER AND REVISION

QA-141210-01 / Rev. 0.0

DOCUMENT TITLE
SPECIFICATION OF ATI0650

ITEM	INFRARED TOUCH SCREEN
MODEL	ATI0650
NEXIO PRODUCT NO.	ATI0650-XXHI3-AESI-XXXX-GE
CUSTOMER PRODUCT NO.	-
CUSTOMER	-
DATE	2014. 12. 10

APPROVED BY CLIENT

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CONTENTS

1.	DOCUMENT REVISION HISTORY	3P
2.	TOUCH SPECIFICATIONS	4P
3.	MECHANICAL SPECIFICATIONS	5P
4.	STANDARDS	5P
5.	OPERATING SYSTEMS	6P
6.	ELECTRICAL SPECIFICATIONS	5P
7.	ENVIRONMENT CONDITIONS	6P
8.	CONTROLLER	6P
9.	USB INTERFACES	7P
10.	DRAWING SPECIFICATIONS	7P
11.	PACKING & LABEL SPECIFICATIONS	8~9P

1. DOCUMENT REVISION HISTORY

Date	Rev. No	Page	Description
2014.12.10	0.0	-	Specification of [ATI0650-XXHI3-AESI-XXXX-GE] was issued first.

1. TOUCH SPECIFICATIONS

Touch panel size	65 inch
Multi touch point	6 points up to 10 points
Supported OS	Window7, Window8, Android, Linux
Touch Input Method	Pen, Finger, Finger of gloved hand Activation
Touch Activation Force	No minimum touch activation force
Response Time	9ms(1point) < Time < 24ms(10Point)
Optics Cell Pitch	5.7mm ± 0.2mm
Touch Accuracy	Within 2.0mm
Optics Number	251(H) x 141(V)
Available Object Sizes for Touch	Touch : Ø 8 mm, Drawing : Ø 10 mm
Anti Sunlight	Normal touch sensing from upper side 80cm/500W Halogen lamp.
Touch Durability	Unlimited
Warranty	1 Year

2. MECHANICAL SPECIFICATIONS

Housing	Aluminum, Black
Touch Size (Out line)	1,472.5 (W) x845.5(D) x11.8(H) (mm, ±0.5mm)
Useful Screen Area	1,431.5(H) x 804.5(V) (mm)
Weight (NET/GROSS)	1240g / TBD
Glass	Option (Custom versions available on request)
Packing Size	1,607(W) x 406(V) x967(H) (mm) (12EA in a package)

3. STANDARDS

ITEMS	SPECIFICATION
RoHS	Compliant with restriction of hazardous substances directive 2002/95/EC and additional RoHS 2.0 requirements
ESD handling	IEC61000-4-2 - Contact : Level 2 - Air : Level 4
REACH standard	Compliant with the registration, evaluation, authorization and restriction of chemical substances - EC1907/2006

4. OPERATING SYSTEMS

	Mouse (single)	Digitizer (multi)	Gestures	Plug & Play	Optional SW Packages
Win 8	O	O	O	O	
Win 7 & Embedded	O	O	O	O	
	※ Notice : have to install with service package1 in Windows 7				
Win XP & Embedded	O	X	O ⁽¹⁾	O	
Mac OSX	O	O ⁽²⁾	O ⁽²⁾	O	O ⁽²⁾
Linux	O	O	O (Kernel 3.9 over)	O (Kernel 3.9 over)	O
Android	O	O	O (Kernel 3.9 over)	O (Kernel 3.9 over)	O
Chromebook	O	O	O (Kernel 3.9 over)	O (Kernel 3.9 over)	O
Functions	<i>Click, Drag, Double- Click</i>	<i>Mouse Functions, Right-Click, Flicks, Panning with Inertia</i>	<i>Mouse & Digitizer Functions, Press & Tap, Rotate, Zoom In/Out</i>		<i>Calibration, Rotation, USB-Downloader, Diagnostics</i>

*** Operating Systems Not Supported: Windows 2000 and earlier versions**

(1) Gestures can be supported by some program. (MS-Office, Internet-Explorer, etc, ...)

(2) Driver install needed.

5. ELECTRICAL SPECIFICATION

Operating Voltage	DC 4.6V~5.25V
Power Consumption	Max 1.6W(5V, 300 mA)
ESD	Re-operation within 10sec when supplied 4KV Surge in contact, 15KV Surge in air

6. ENVIRONMENT CONDITIONS

Item	Operating Temperature		Storage Temperature		Remark
	MIN	MAX	MIN	MAX	
Ambient Temperature	-10°C	+60°C	-20°C 8 hr Still	+70°C 8 hr Still	Dry
Humidity	Operating Humidity : 0% ~ 80% Storage Humidity : 0% ~ 90%				-
Vibration PCA must be mounted on a suitable connector	Frequency: 10 ~ 55 Hz Amplitude: 0.75 mm Duration: 20 cycles in each direction.				3 directions
Altitude	3,000m				-
Interface	USB1, USB 2.0 Full Speed(12Mbps), USB 3.0				-
Detection Method	Infrared rays				-

7. CONTROLLER : INCLUDED IN TOUCH PANEL

8. CONNECTOR INTERFACES

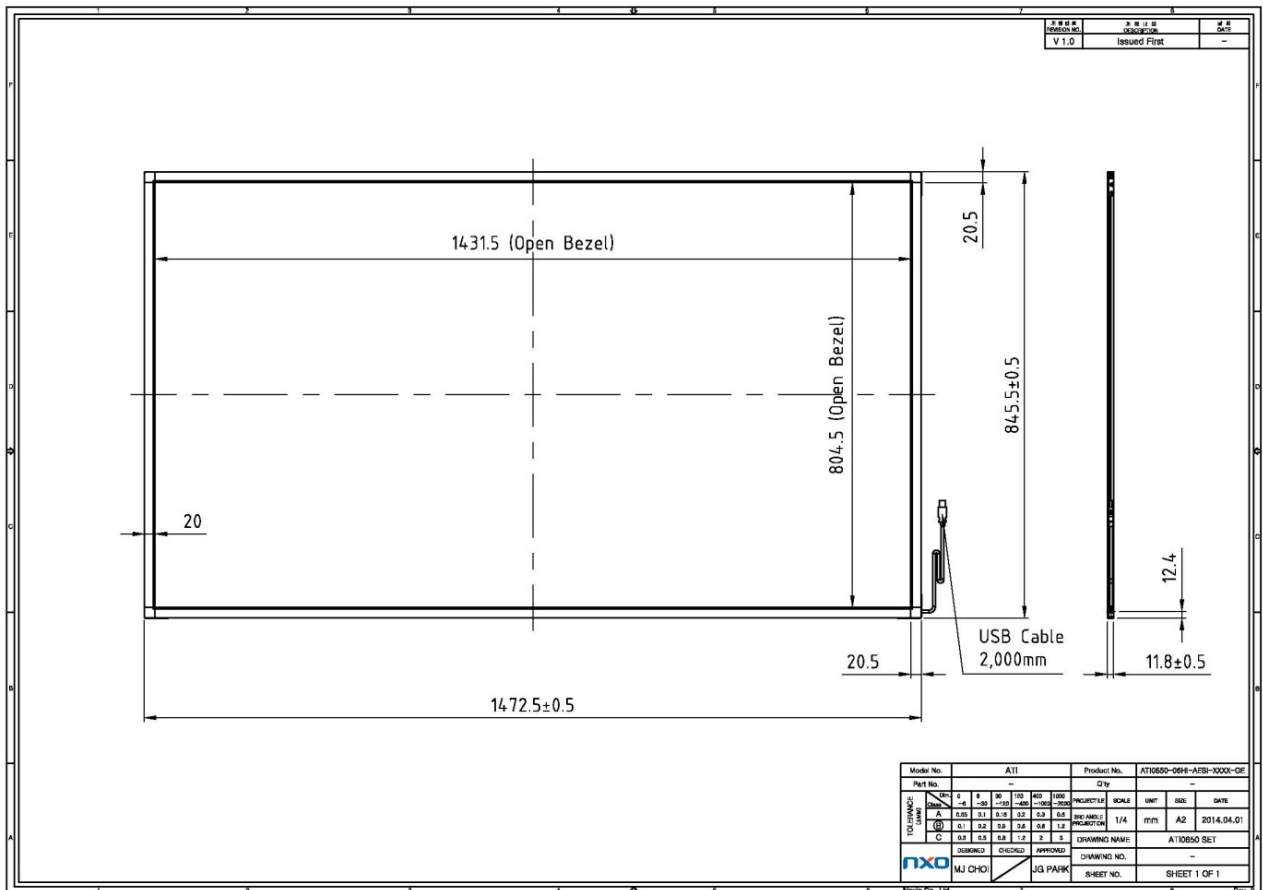
	Specifications
Power	USB Powered
Protocol	Human Interface Device(HID)
Operation	Plug & Play
Speed	USB 2.0 Full Speed(12Mbps)
Connector	USB 'A' Type Plug

※Notice 1 : Do not set battery mode or power save mode in computer power option.

※Notice 2 : The standard of USB communication length is 5M(refer to usb.com)

When you use USB extension Cable, data loss and degradation might be able to be occurred.
 In order to minimize data loss and degradation according to USB extension Cable using,
 We highly recommend Repeater using to provide external power supply.

9. DRAWING SPECIFICATIONS



- Specification is subject to change without prior notice
- Quality Assurance of Nexio products guarantee normal operation on the agreed period of time. However, it does not include in conjunction with third-party products.

10. PACKING & LABEL SPECIFICATIONS

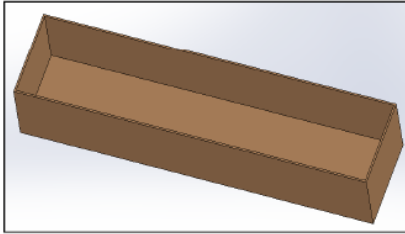
[PACKING SPECIFICATIONS]



ATI 65" 포장 사양서 (12SET)

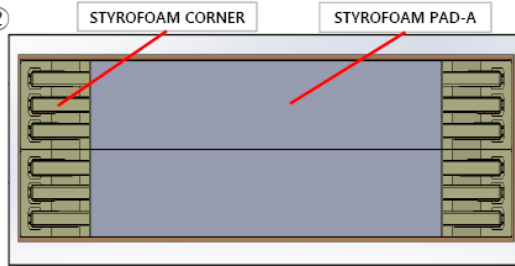
작성자 : 최명진
작성일 : 2014.08.12

①



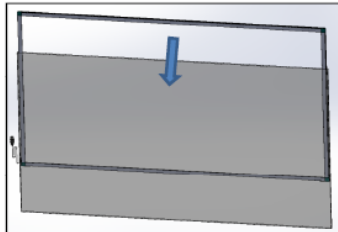
1. BOTTOM BOX을 준비 한다.

②



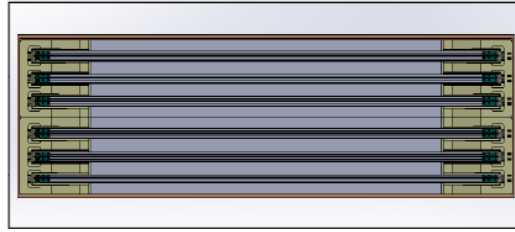
2. BOTTOM BOX 안에 STYROFOAM CORNER 4EA 와 PAD-A 2EA를 넣는다.

③



3. PE BAG에 ATI SET를 넣는다.

④



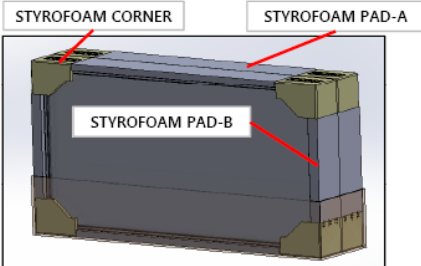
4. STYROFAM CORNER에 ATI 2 SET 씩 총 12 SET를 넣는다.



ATI 65" 포장 사양서 (12SET)

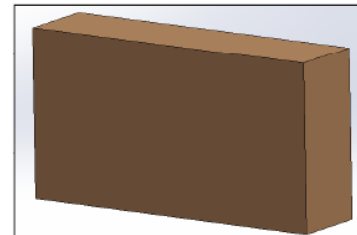
작성자 : 최명진
작성일 : 2014.08.12

⑤



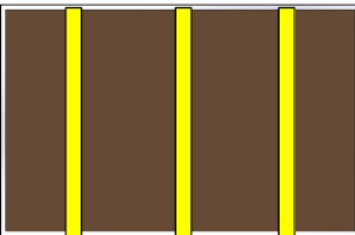
5. 양 측면에 STYROFOAM PAD-B를 4EA 넣고 ATI SET 위에 CORNER 4EA 와 PAD-A 2EA를 넣는다.

⑥



6. TOP BOX을 씌운다.

⑦



7. TOP BOX를 덮고 그림과 같이 3곳에 밴딩을 하여 BOX를 고정 한다.

[LABEL SPECIFICATIONS]



ATI 제품 라벨 부착 위치

① 제품 라벨



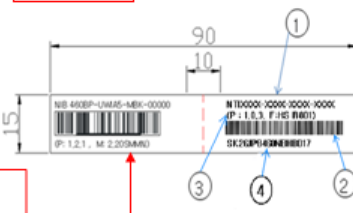
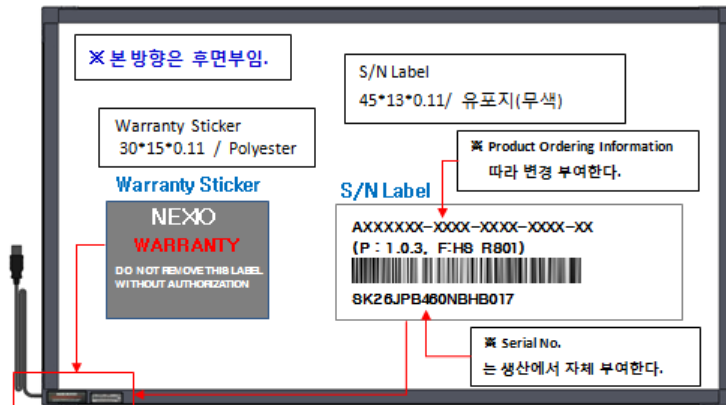
50mm

한글 및 영문

* Font/ 크기
 한글 : 경고 (굴림/7)
 내용(굴림/6)
 영문 : Notice 및 내용(굴림/7)

경고
 제품 직각도가 틀어지면 오동작의 원인이
 될수 있으므로 각별히 주의 하여 주십시오.

Notice
 Please install in right angle
 to prevent malfunction.



Label 명	Size	Label 항목	Font/글씨크기	내 용
USB Label	90*15	①	굴림/5	인치별 DESCRIPTION (모델에 따라 변경 가능)
		②	Code 39/ 21 (값의 조정 가능)	Serial 체계는 제조분부 체계 참조 하고 (모델 및 제조일자에 따라 코드 변경 가능)
		③	굴림/5	인치별 firm ware Ver, PCB REV (모델에 따라 변경 가능)
		④	굴림/5	Serial No. 는 생산에서 자체 부여한다.



ATI BOX 라벨 부착 위치

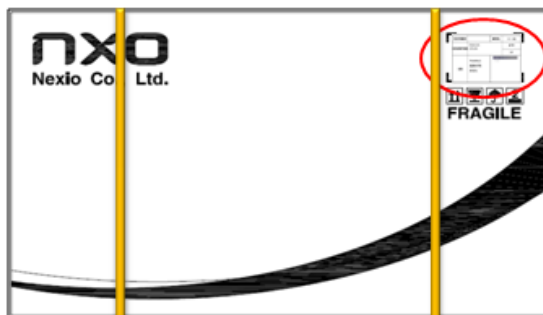
② BOX 라벨

Product Ordering Information에 따라 변경 부여한다.

CUSTOMER		MODEL	ATI
DESCRIPTION	ATIXXXX-XXXX		Q'TY
	-XXXX-XXXX-XX		3EA
S/N	※ Serial No.는 생산에서 자체 부여한다.		

제품 MODEL NAME 표시

제품 들어가는 수량 표시



좌측 그림과 같이 지정된 위치에
 Carton Label을 2곳에 붙인다