



PRODUCT SPECIFICATIONS

# 86" 6000K Series



## 86" Panel Specifications

Size	86"
Screen Type	LED
Aspect Ratio	16:9
Display Area	74.61" x 41.97"
Resolution	3840(H) x 2160(V) Ultra HD
Pixel Pitch	.494mm x .494mm
Back Light Unit	Direct type LED
Response Time	8 ms
Refreshing Frequency	60Hz
Display Color	1.07B (10bit)
Brightness	350 cd/m2
Contrast Ratio	1200:1
Viewing Angle	178°
Life Time	40,000 Hours

## 6000K SERIES INTERACTIVE PANELS

Collaborative panels for flexible classroom environments.



BIG VIEWING EXPERIENCE



BEAUTIFUL PICTURE



RICH AUDIO EXPERIENCE



INTUITIVE TOUCH EXPERIENCE



TRUE INTERACTIVE EXPERIENCE



INTEGRATED SOFTWARE OPTIONS

**PANEL AUDIO**

Speaker Type	Built-in Speaker
Output Power	12W x 2
Sound Channel	2.0

**PANEL CONNECTIONS**

HDMI Output	1
USB 2.0	3 (including 2 USB ports in front)
USB 3.0	3
Touch Output	2
HDMI Input	3
Display Port Input	n/a
VGA Input	1
PC Audio In	1
AV Input	n/a
RS232 Port	1
Audio Output	1
RJ45 Port	1
SPDIF	1

**PANEL INTERACTIVITY**

Sensing Type	Infrared recognition
Compatibility	Windows10/Windows8/Windows7/ WindowsXP/Linux/MacOSX/ Android/Chrome
Touch Point	10 points writing 20 points touch
Minimum Object Size	3 mm
Touch Tool	Finger, Finger cover by glove, Opaque objects, Passive infrared pen
Response Time	<10 ms
Accuracy	1.5 mm (over 90% Area)
Communication Mode	Full-speed USB
Interface	USB
Touch Drive	Free drive
Surface Hardness	Toughened Glass with Level 7 of Mohs Standard
Output Coordinate	32767 x 32767

**PANEL OPERATING SYSTEM**

System Version	Android 8.0
CPU	Dual Core A73+Dual Core A53
GPU	Quad Core Mali G51
RAM	3GB
ROM	16GB

**PANEL AMBIENT**

Operation Temperature	32°F - 104°F
Operation Humidity	10% - 90%
Storage Temperature	-4°F -140°F
Storage Humidity	10% - 90%
Altitude	Below 16404.2 ft

**POWER**

Power Requirements	100-240V~ 50/60Hz
Standby Power	≤0.5W
Overall Power (nominal power)	550W

**PHYSICAL SPECIFICATION**

Key Location & Number	Front physical keys, 1
Dimension L*H*D	77.09" x 45.67" x 3.39"
Dimension (package) L*W*H	87.05" x 11.02" x 53.94"
Net Weight	142.53 lbs
Gross Weight	190.48 lbs
Machine + Wall Mount Thickness	5.20" CTI-MOUNT-FIXW
Wall-hanging Screw Spec	M8 x 25 mm
VESA	600 x 800 mm

**ACCESSORIES**

American Standard Power Cord	USB Touch Cable (Type A-B)
HDMI Cable	Remote Control
Writing Pen	AAA Battery
Quick Start Guide	

**PC MODULE (OPTIONAL)**

Type	Type Detachable PC module
Model	CTI-PCMOD-PC25-ST - i5 CTI-PCMOD-PC25-IG - i5 CTI-PCMOD-PC27-IG - i7 CTI-PCMOD-PC27-VP - i7
CPU	Intel® Dual Core™ i5 Intel® Dual Core™ i5 Intel® Dual Core™ i7 Intel® Dual Core™ i7 vPro
RAM	DDR4 8GB   DDR4 16GB
SSD	128GB   256GB
Graphics	Integrated Intel® HD Graphics Independent Intel® HD Graphics Independent Intel® HD Graphics vPro Intel® HD Graphics
Chipset	Intel H110 Express
Sound Card	Integrated High Definition Audio Stereo
Networking	10/100/1000MB
WIFI	802.11 a/b/g/n/ac (2.4G & 5G)
Bluetooth	Bluetooth 4.2
Operation System	Not Included
USB3.0	6
LAN(RJ45)	1
VGA Output	1
Earphone Output	1
Microphone Input	1
Display Port Output	1
HDMI Output	1

**PANEL WARRANTY OPTIONS**

Standard	1 Year Onsite
Registered	3 Year Onsite
Optional	5 Year Onsite