

AP20

Interactive Pen

- 3-in-1 solution device: integrate the best functions of interactive whiteboard, wireless slate and wireless presenter
- Support simultaneous teacher-student engagement and enable learning collaboration
- 1 Teacher Pen and up to 6 Student Pens can simultaneously annotate on one screen
- All-new powerful A+ Interactive Software 2 provides versatile functions, i.e. multiple inputs, image capture, audio/video recording and annotation tools



Product Specifications & Features

Hardware

Hardware configuration	Every AP20 interactive pen employs a dedicated 2.4GHz RF wireless connection to the computer through a USB dongle. It does not require wireless network, special card, or Bluetooth.
Dongle bandwidth	Up to 101 pens (1 Teacher Pen and 100 Student Pens)

Pen features

Workspace	AP20 interactive pen doesn't need a pad to work on. AP20 can work on any non-transparent flat surface.
Communication interface	2.4GHz RF wireless interface with a typical range of 15 meters (in radius)
Imaging technology	Proprietary optical sensor
Navigation technology	AVer proprietary v2
Power switch	Yes

Power, dimension and weight

Power Source	Teacher Pen: rechargeable AAA battery x 1; recharge via micro USB cable from PC Student Pen: alkaline AAA battery x 1
Battery Time	Teacher Pen: takes 4 hours to fully charge; 8 days of typical daily usage per charge Student Pen: 30 days of typical daily usage
Dimension (W x L x H)	22 x 151 x 25 mm
Net weight	45 g

Others

Warranty	2 year limited warranty* * Battery and accessories are 1 year limited warranty
Certifications	FCC, CE, RoHS



Package content (Teacher Pen)

Teacher Pen unit	Installation CD
USB dongle	User manual CD
Mini USB 2.0 cable	Quick guide
Rechargeable AAA battery x 1	Warranty card

Package content (Student Pen)

Student Pen unit	User manual CD
Alkaline AAA battery x 1	Quick guide
Installation CD	Warranty card

Product anatomy

Teacher Pen



Student Pen



USB Dongle



Software – A+ Interactive Software 2

Creation and interaction

Annotation tool	Including Freehand writing, Line, Highlighter, Shape, Fill Color, and Text
Eraser	A list of eraser options to remove works partly or entirely
Move tool	Spotlight and Screen Visor
Special tool	Protractor, Interactive Triangle, Ruler, Calculator, Keyboard
Insert formats	<ul style="list-style-type: none"> • videos (AVI, MOV, FLV, and WMV) • pictures (JPG, BMP, GIF, TIFF, PNG, and WMF) • flash (SWF) • hyperlinks to Internet • sound (WMA ,MP3, and WAV) • background templates
Full object manipulation	Yes. Users can freely change the property of the objects, including resizing, grouping, cloning, and adding hyperlink to internet, documents or sound

Insert, import and export

Import formats	<ul style="list-style-type: none"> • A+ Interactive Software file (AVP/AVPX) • Power Point file (PPT)
Export formats	<ul style="list-style-type: none"> • pictures (JPEG, BMP, GIF, TIFF, and PNG) • document (PDF) • web page (HTML)

Capture and record

Page capture format	JPEG
Page recording format	AVI
Page recording resolution	1024 x 768, 800 x 600 or 640 x 480

Resource library

Gallery	<ul style="list-style-type: none"> • Pre-loaded pictures (arts, geography, language, mathematics, science, sport, others) • Self added content: pictures , flash, sound, video, flash, and A+ Interactive Software files
Activity template	Pre-loaded templates

Window control

Split window	Up to 6 frames
Virtual Transparency mode	On transparency mode, Teacher Pen can control all desktop applications such as Internet browser, Word, Excel or PowerPoint.
Page management	Page browser gives a thumbnail preview and allows page re-arrangement

Multiple input

Capacity	Support up to 1 Teacher Pen and 6 Student Pens to work simultaneously on the same interface
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AVerVision visualizer

Visualizer feature integration	Yes, including zoom, auto focus, image adjustments, freeze, capture, record, LAN sharing, and so on.
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Compatibility and system requirements

Windows [®]	Windows XP (SP2), Vista (32-bit or 64-bit), 7 (32-bit or 64-bit)
System requirement for	CPU: Intel [®] Pentium [®] IV, AMD Athlon [®] XP, or higher processor
Windows [®] -based PC	Hard Disk: 100MB of available hard-disk space (need additional space for resource library) Memory: 1GB or higher recommended

