SPECIFICATIONS

Model Name			iP-25E	iP-55E	iP-750E
Type			3 primary Color LCD Shutter Projection Type		
Main Part Specification	LCD Panel	Size	0.7 inches X 3 Panels, Aspect Ratio 4:3	1.0 inches X 3 Panels, Aspect Ratio 4:3	1.3 inches X 3 Panels, Aspect Ratio 4:3
		Drive System	Poly Silicon TFT Active Matrix with Micro Lens Array		
		Number of Pixels	786,432 pixels (1,024 X 768 dots) X 3		
		Arrangement	Stripe		
	Projection Lens		Manual Zoom: 1 to 1.2x	Manual Zoom: 1 to 1.25x	Manual Zoom: 1 to 1.3x
	Optical Source		180W Super High-pressure Mercury Lamp	260W Super High-pressure Mercury Lamp	300W Super High-pressure Mercury Lamp
Image Size	Screen Size		32-300 inches diagonal		
	Projection Distance		1.5 to 11.3 m	1.4 to 13.9 m	1.4 to 13 m
Color Reproducibility			Full color (16,770,000 colors)		
Brightness			2,000 ANSI lumens	3,000 ANSI lumens	4,500 ANSI lumens
Scan Frequency			Horizontal 21 to 68.7 kHz, Vertical 50 to 85 Hz	Horizontal 21 to 80 kHz, Vertical 50 to 85 Hz	
Maximum Resolution (At RGB signal input)			1,024 X 768 dots (Compressed display of 1,280 X 1,024 dots is possible.)	1,024 X 768 dots (Compressed display of 1,600 X 1,200 dots is possible.)	
Keystone Correction			Adjustable vertical ± 15˚	Adjustable holizontal ± 10˚, vertical ± 15˚	
OHP Input/Output		Scanner/Camera	2,000,000 pixels color CCD camera		
		Max Scanning Size	288 X 216 mm (11.3 X 8.5 in)		
		Scanner Output	Exif JPEG (1,600 X 1,200 dots)		
		System Requirements	OS Compatibility: Windows®2000 Professional English Ver. (SP3 or higher), Windows®XP English Ver. USB Interface: USB 1.1 or higher		
iP Viewer Functions			Scanner, White board, Print Screen, Zoom, Rotation, Thumbnail display, Pen tool, Data saving		
PC Input/Output	Analog RGB Input	Terminal Panel	15 pin Mini D-sub 1 ch	15 pin Mini D-sub 2 ch	
	Monitor Output	Output Terminal	—	15 pin Mini D-sub 1 ch	
Video Input		Signal system	NTSC/PAL/SECAM/PAL-N/PAL-M/NTSC4.43		
		Input Terminal	RCA Pin Jack 1 ch, S-Video (Mini DIN4-pin) 1ch		
Audio Input/Output	PC Input	Input Terminal	Stereo Mini Jack 1 ch	Stereo Mini Jack 2 ch	
	Video Input	Input Terminal	RCA Pin Jack 1 ch		
	Monitor Output	Output Terminal	—	Stereo Mini Jack 1 ch	
Audio Output			2 W monaural	1 W X 2 stereo	2 W X 2 stereo
USB Connector*			USB connector (Mini B type) 1ch		
Operating Range of Temperature and Humidity			Temperature: 0 to 35˚C (32 to 95˚F), humidity: 20 to 80% (no condensation)		
Power Source			100-120/220-240VAC, 50/60 Hz		
Power Consumption			290W (100-120VAC), 280W (220-240VAC)	390W (100-120VAC), 370W (220-240VAC)	450W (100-120VAC), 425W (220-240VAC)
Input Current			2.9A (100-120VAC), 1.2A (220-240VAC)	4.5A (100-120VAC), 2.2A (220-240VAC)	5A (100-120VAC), 2.5A (220-240VAC)
External Dimensions			310 (W) X 405 (D) X 140 (H) mm /12.2 (W) X 15.9 (D) X 5.5 (H) in (not including protrusions, Including the cover)	400 (W) X 315 (D) X 145 (H) mm /15.7 (W) X 12.4 (D) X 5.7 (H) in (not including protrusions, Including the cover)	390 (W) X 380 (D) X 190 (H) mm /15.4 (W) X 15.0 (D) X 7.5 (H) in (not including protrusions, Including the cover)
Weight			5.6 kg (approx. 12.3 lbs.)	7.3 kg (approx. 16.1 lbs.)	8.5 kg (approx. 18.9 lbs.)
Accessories			Power Cord (3 m), Remote Control, User's Manual, Battery (Coin-type lithium battery: CR2025), PC cable, Lens cap, spare air filter	Power Cord (3 m), Remote Control, User's Manual, Battery (AA X 2), PC cable, Lens cap	
Lamp Kit			MPLK-C1	MPLK-D2	MPLK-D1

* USB connectors are not guaranteed to work with all personal computers.

⚠ Caution

● LCD panels are inherently susceptible to pixel defects.
● A DC type super high pressure lamp is used in this projector and it is rare for the lamp to explode during use.
 The unit is also designed to forcibly turn off the lamp because there is a high possibility
 that the lamp will break if it is used beyond the limit of lamp usage time.
● Light polarizing elements such as the light source lamp and the liquid crystal panel are parts that have a limited service life.
 When used for a long time, repair and replacement will be necessary.
● Microsoft, Encarta, MSN, and Windows are either registered trademarks or
 trademarks of Microsoft Corporation in the United States and/or other countries.
● Company names and commodity names are trade names, trade marks or registered trade marks of each company.
● Specifications and designs are subject to change without prior notice in order to improve the product.

3LCD iP Series intelligent projector employs a 3LCD system.

ISO 14001
JQA-EM0156
YOKOHAMA PLANT
SAGAMI PLANT

ISO 9001
JQA-1361

Avio

Intelligent Projector
iP Series
iP-25E / iP-55E / iP-750E

Deliver more intelligent presentations

NIPPON AVIONICS CO.,LTD.
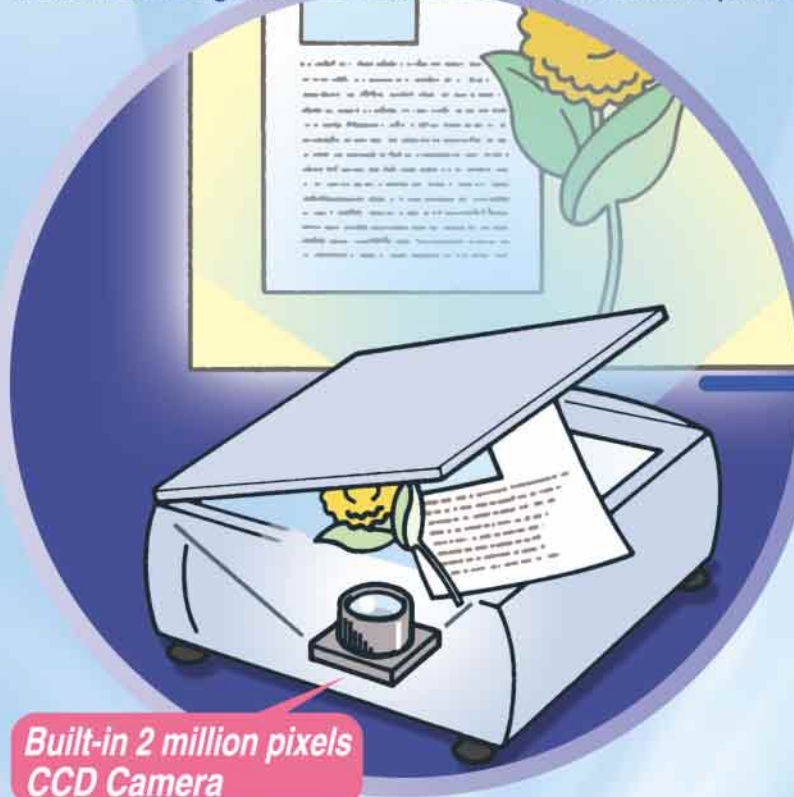
Easy, clear projection of objects and documents

It has a built-in high resolution document camera of 2 million pixels.

Built-in 2 million pixels CCD Camera

- An image of a document or a solid object can be projected onto the screen by simply placing them on the glass window of the unit.
- It enables an easy and effective presentation even without having a PC.
- Up to 32 images can be temporarily stored in its internal memory.

Intelligent Projector *i*P Series
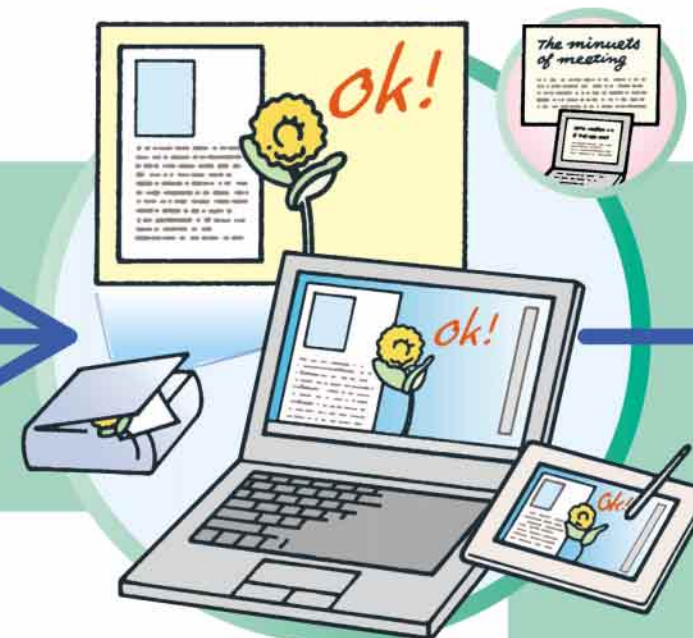
The Avio Multiprojector advances again with the birth of the Intelligent Projector iP Series. Combined function with a PC is improved by the addition of a USB port. The iP Series intelligently realizes a new level of highly effective presentations.

Easy transferring of images to PC

Images stored in its internal memory can be transferred to a PC via USB connection.

Connect USB Cable

Transfer

- No software installation procedure required.
- iP Viewer software will automatically boot up by simply connecting the cable.
- An image from the document camera can be transferred by a simple button action.
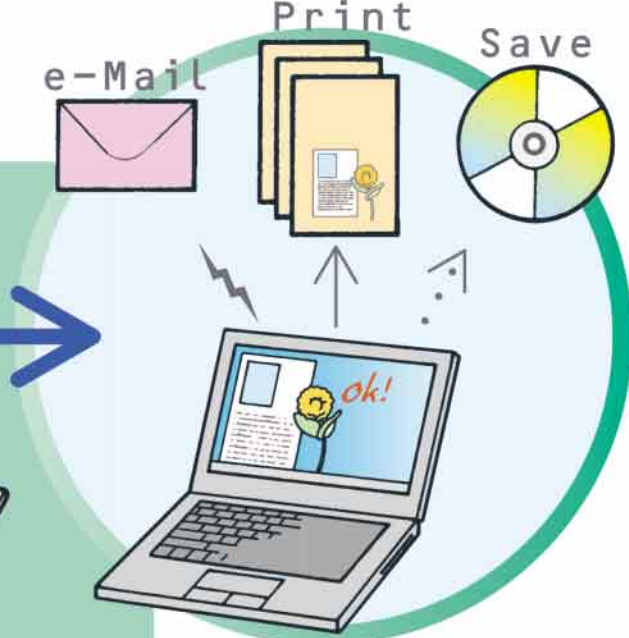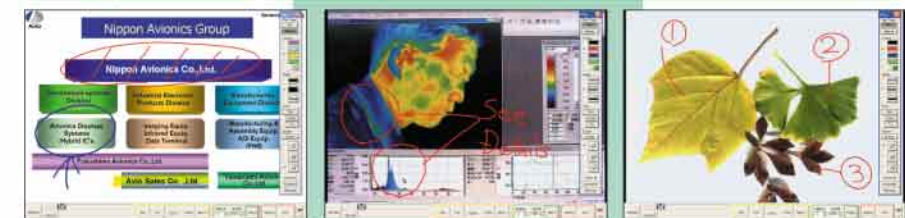
Effective presentation with annotation

The projection screen becomes a white board.

ok!

- During presentation, you can write on the projected image from a document camera or from the data stored in a PC or on the blank white board screen using the pen tool of iP Viewer.
- Writing can be accomplished by using the pen tablet available on the market in addition to using the mouse.
- Zooming or rotational display of the projected image can also be made.

Storage and distribution of your presentations

The projected presentation material with additional information written over it can be stored.

Print Save e-Mail

- This feature is convenient when using the same material repeatedly, or printing out or mailing out the material.

Examples of Image

Presentation material Technical discussion Educational material

*i*P Viewer

It is a presentation software dedicated for the iP series.

Initial screen image Transferred-Image White Board use

- The software will automatically boot up by connecting the iP series and a PC.
- No software installation procedure required.

Software operating conditions
OS Compatibility: Windows 2000 Professional English Ver. (SP3 or higher), WindowsXP English Ver. USB Interface: USB 1.1 or higher

$\frac{a \times b}{2}$

| settings | Cancel | Version 1.0.14 | Doc | List | -/- | <-Prev | Next-> | ANGLE 0 | ZOOM 100% | Pencil | History | Exit |

Data transfer Cancel
Display status
Select display data (Folder/File/Whiteboard)
Page number
Move to next document
Zoom
Display History
Minimize status bar
Environmental setting
Screen capture tool
Display thumbnails
Move to previous document
Rotation
Display pen tool
Minimize iP Viewer

Configuration

good!

*i*P

USB
RGB
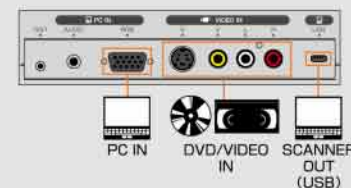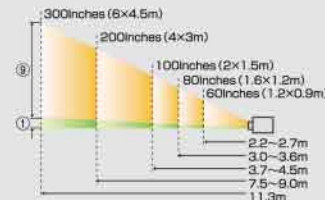
PC

scan

ABCD pen tablet

Intelligent Projector iP-25E

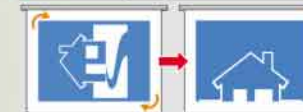**2,000 ANSI lm** · **SXGA Compatible** · **USB**

Various functions of iP series are integrated into a compact body. It is the entry level model which can be easily used in a conference room or a classroom.

Advanced functions provide outstanding value in a compact format.

300Inches (6×4.5m)
200Inches (4×3m)
100Inches (2×1.5m)
80Inches (1.6×1.2m)
60Inches (1.2×0.9m)

2.2~2.7m
3.0~3.6m
3.7~4.5m
7.5~9.0m
11.3m

PC IN · DVD/VIDEO IN · SCANNER OUT (USB)

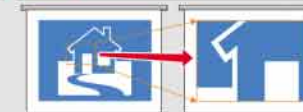### for Education

A4 size vertical /horizontal display function
Vertically oriented document can be rotated 90° on the screen with automatic aspect ratio adjustment.

Zoom and scroll function
Up to 6.25 times zooming and screen scrolling after zooming are available.

Memory function
Up to 32 projected images can be temporarily stored in a memory for projection at a later time.

Keystone correction function
Image distortion caused by the projection angle can be corrected without adjusting the tilt foot of the main unit. (iP-25E: ±15° vertically. iP-55E/iP-750E: ±10° horizontally and ±15° vertically.)

Pointer function
A pointer can be displayed on the projection screen and manipulated freely using a remote controller or a button on the main unit.

Blank screen function
Projection can be temporarily stopped.

Large screen projection
300型 4.5m / 6m
Projection can be made on various screen sizes, from minimum 32 inch to maximum 300 inch (approximately 6m×4.5m).
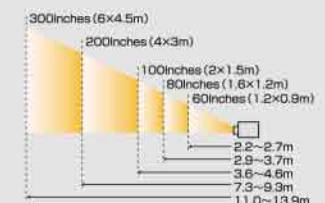

Intelligent Projector iP-55E

3,000 ANSI lm · **UXGA Compatible** · **USB**

It is the standard model capable of handling all kinds of presentation. It will help to make your discussions fruitful and in making quick decisions. Furthermore, the images are clearly visible even with the room lights on.

Supports a wide range of presentations, for a new office standard.

300inches (6×4.5m)
200inches (4×3m)
100inches (2×1.5m)
80inches (1.6×1.2m)
60inches (1.2×0.9m)

2.2~2.7m
2.9~3.7m
3.6~4.6m
7.3~9.3m
11.0~13.9m

PC IN② · PC IN①
MONITOR OUT · SCANNER OUT (USB) · DVD/VIDEO IN

---

for Business

Intelligent Projector iP-750E

4,500 ANSI lm · **UXGA Compatible** · **USB**

It is the high end model with high brightness of 4,500 ANSI lumens. Its sharp images will help to make your presentation effective and convincing in a big conference room.

High-end model boasts a high 4,500 ANSI lumens.

300inches (6×4.5m)
200inches (4×3m)
100inches (2×1.5m)
80inches (1.6×1.2m)
60inches (1.2×0.9m)

2.2~2.9m
3.0~3.8m
3.8~4.8m
7.7~9.8m
11.0~13.0m

SCANNER OUT (USB) · MONITOR OUT · PC IN② · PC IN①
DVD/VIDEO IN