SPECIFICATIONS

Model Name			iP-60E
Type			3 primary Color LCD Shutter Projection Type
Main Part Specification	LCD Panel	Size	1.0 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 1.25x
	Optical Source		270W Super High-pressure Mercury Lamp
Image Size		Screen Size	32-300 inches diagonal
		Projection Distance	1.4 to 13.9 m
Color Reproducibility			Full color (16,770,000 colors)
Brightness			3,500 ANSI lumens
Scan Frequency			Horizontal 21 to 80 kHz, Vertical 50 to 85 Hz
Maximum Resolution (At RGB signal input)			1,024 X 768 dots (Compressed display of 1,600 X 1,200 dots is possible.)
Keystone Correction			Adjustable holizontal ± 10°, vertical ± 15°
OHP Input/Output		Scanner/Camera	4,130,000 pixels color CCD camera
		Total pixels	2,384 X 1,734 pixels
		Effective Pixels	2,016 X 1,512 pixels
		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. Windows® Vista 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 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 2 ch
	Video Input	Input Terminal	RCA Pin Jack 1 ch
	Monitor Output	Output Terminal	Stereo Mini Jack 1 ch
Audio Output			1 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			410W (100-120VAC), 390W (220-240VAC)
Input Current			4.7A (100-120VAC), 2.4A (220-240VAC)
External Dimensions			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)
Weight			7.3 kg (approx. 16.1 lbs.)
Accessories			Power Cord (3 m), Remote Control, User's Manual, Battery (AA X 2), PC cable, Lens cap
Lamp Kit			MPLK-D2

* 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

http://www.avio.co.jp/

NIPPON AVIONICS CO.,LTD.

Projector Sales Department

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Intelligent Projector iP Series

Avio

iP-60E

3,500 ANSI lumens / 4.13M pixels built-in Color CCD Camera / USB I/F



Deliver more intelligent presentations

NIPPON AVIONICS CO.,LTD.

Easy, clear projection of objects and documents

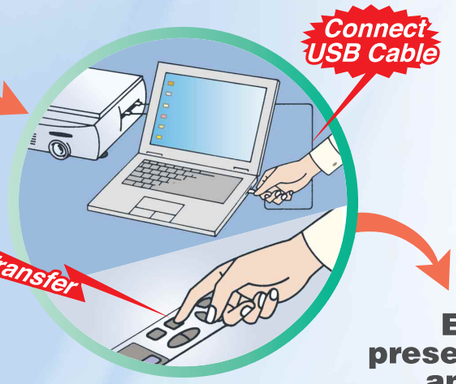
It has a built-in high resolution document camera of 4.13 million pixels.



- 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.

Easy transferring of images to PC

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



- 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.



- 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.

iP Series

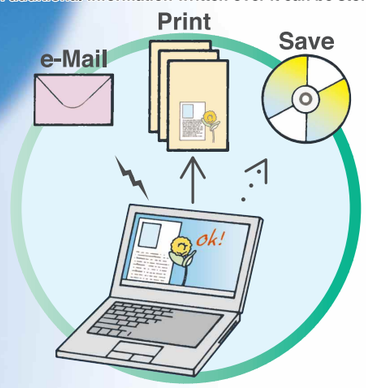
Intelligent Projector

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.



Storage and distribution of your presentations

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



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

Intelligent Projector iP-60E



3,500 ANSI lm

USB

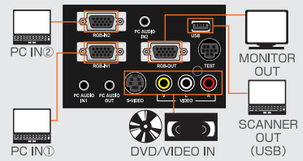
UXGA Compatible

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.





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-60E: ±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



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

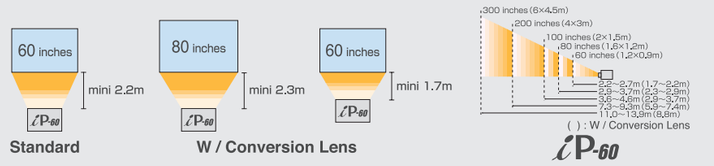
Conversion Lens (option)



IPCL-F2

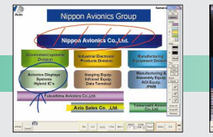
Shorten projection distance(Approx.20%)

Screen Size and Projection Distance W / Conversion Lens

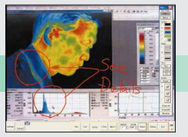


iP Viewer

Examples of Image



Presentation material

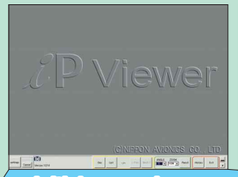


Technical discussion

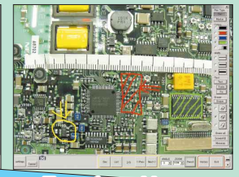


Educational material

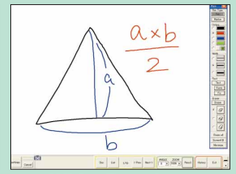
It is a presentation software dedicated for the iP series.



Initial screen image



Transferred Image

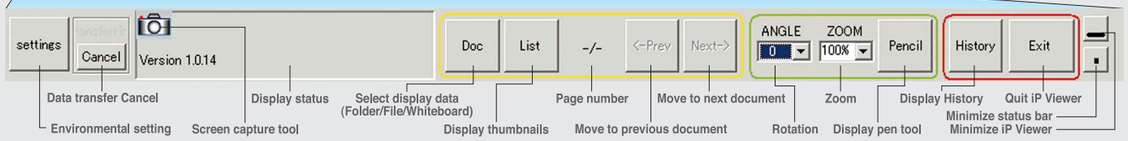


White Board use

- 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), Windows® XP English Ver., Windows® Vista English Ver.
USB Interface: USB 1.1 or higher



Configuration

