Empower . Innovate . Create

GENEE Vision® 6100

Visualiser

“a powerful new **Digital Process Visual presentation** and **teaching tool.**”

The Genee Vision 6100 is a powerful visual presentation and training tool, class leading and still the popular choice across many markets.
The 6100 Genee Vision is suitable for a variety of training and instructional presentation situations, as well as providing high quality and easy to use investigation functionality. Genee Vision has a range of benefits to enhance presentations recordings, evaluations and the delivery of ideas and explanations by the use of still image, video capture, animation and many other aspects of its diverse construction. Attributes such as negative/positive function, split screen, back light, near and far function, auto focus, 330 degree motorised turning head it offers all the functions you could ever need in one simple to use unit.

The Genee Vision is stylish and compact in design and light weight, making it one of the most portable high quality products on today’s digital technology market. Two side arm LED lights simply fold inwards towards the base and the camera arm folds forward over the front resulting in a thin and easy to carry.

Overview

Genee Vision's auto focus and auto light adjustment facilities enables them to be used in low level natural light conditions .Setting up is easy with all the cables provided allow teachers or presenters to connect to a laptop, TV or video camera giving flexibility to the chosen method of teaching techniques makes these ready for use in a matter of minutes.

GeneeVision's motorised camera head can be moved to scroll (remotely) up and down. This means that various sections of objects and documents can be viewed without the tedious task of physically moving the objects around trying to keep them in the camera image window.

Their use extends beyond the classroom and training room, a digital high quality lens enhances training and instructional sessions making GeneeVision suitable for use from a Primary School level to Military establishments, Medical establishments, Universities through to the boardroom level.

Removing the macro lens and rotating the head away from the platform creates a powerful video camera and web cam facility. With their high quality definition lens they can be used to capture or demonstrate large live events.

KEY FEATURES

Lighting

Genee Vision has 2 longlife LED armlights and an integral light box which comes as standard. Its unique feature is it will also work without anylights.It functions by taking ambient light and enhancing it giving a clear bright image.

Zoom

The 22xoptical zoom gives high definition and clarity creating the ability to see even the smallest detail accurately.

Examples of uses:

•Statistical graphs for a big meeting. Use as a webcam in assembly to enable drama to be visible by all or to capture onto video.
•Use in music to share words/music to song.Share artefacts enabling everybody to see object being discussed.
•Share text with group of peoplesuch as a reading book or particular article.
•Use in Chemistry to zoom in to view and explain cell structure models or look at crystals.
•Use in training to share detailed maps.
•Use in demonstration to explore artifacts in great detail.
•Sharepictures/certificates/medals in presentations.

Image Capture

•Capture text for use in literacy quicker and easier than scanning or photocopying.
•Capture clients or colleagues work purposes.

Video Capture

•Capture a demonstration of a process for repeating or using as part of a plenary.
•Capturing a technical procedure being demonstrated in technology.
•Video can be saved to PC or network for use in future lessons.

Title

Allows you to take a spanshot of a 'title' such as a meeting objective, this can then remain on screen throughout a lesson.

Split Screen

• Allows you to view an object on one half of the screenand then zoom into the object on the other side.
• Use in financial reviews to compare different periods of business.
• Compare two products,this may be a competitor and look at size comparison,design features etc.
• Use to show 2 different faces of an object at the same time+freeze and remove object leaving image of two faces.

Positive/Negative

• Allows you to turn photo negatives into positive images or view positive images or 3d objects as negatives.
• To turn a text from black on white to white on black making it easier to read for some people.
• Use in design to look at complementary colours.

Dynamic/Static

• Use dynamic mode when creating movies,videos or animation to distinguish movement more clearly.
• Use static mode when looking at objects,text or still artifacts.
• Use to demonstrate patterns created in movement.
• Use dynamic mode when showing how to create something,e.g. a demonstration of a manufacturing process such as flow soldering,the movement of a vibrating device such as a mobile phone.

Black and White

• The simple to use buttons enable you to convert colour images to black and white to view contrasts etc.
• Use in graphics to take off colour e.g. corporate logos how important is the colour?
• Use black and white when looking at components on a motherboard.

Scroll

• Scrolling up and down documents and objects can be done using the GeneeVision motorised head all at the touch of a button.
• Share a text with your audience when carrying out whole group reading activities.
• Light box allows you to view acetates, x-rays and 3D objects with a direct uplight.
• Allows the use of existing OHP using light from below.
• Use to show structure/skeleton of a leaf using light from below.

Freeze

• Images can be generated and frozen either for storing on a computer or to provide the opportunity to high light a particular feature.
• An object or document can be physically removed and given to the audience for real time inspection whilst retaining the image on screen.
• Put key graphs, sales charts or training needs under the GeneeVision press the freeze button whilst getting the next piece ready.
• Place a printed circuit board (pcb) under the lens, use the zoom function to concentrate on a key area then freeze,the pcb is then free to be moved around the room.
• You can keep image on screen while you prepare the next object for viewing.

Mirror

• Use this function in presentations to view the opposite sides or mirror images, to look at symmetry, patterns,designs etc.
• Use in Maths to demonstrate reflection of objects by splitting screen then applying mirror.
• Textiles and a various range of designers will have the ability to view mirrored images of their designs which can be presented to customers or fellow coleagues.

Connectivity

Genee Vision provides a range of connection points and can be used with plasma screens,desktop computer, laptop, projector, monitor,T.V, speakers, DVD and VCR this broad selection of configurations adds to its versatility in any environment making and ideal teaching tool.

Technical

There are 2 RGB out put sockets, one for a computer and the other for a project or and there are 2 RGB inputs suitable for connecting 2 computers which is perfect for guest users.The S Video and C Video inputs provided allow the visualiser to be used as a hub. A camera,computer and DVD can all pass through the same RGB output. The ability to plug a range of devices through the GeneeVision not only converts S video signals to an RGB signal giving better image quality, but also eliminates the need for external RGB switch boxes.

Specification (Genee Vision 6100)

Optical System	
CCD Size	¼" Professional CCD
RGB Resolution	780,000 pixels
Video Format	NTSC/PAL
Powered Zoom	22x optical , 10x seamless digital
Focus	Auto / Manual
Iris	Auto / Manual
Image Freeze	Yes
Negative / Positive Conversion	Selectable
Terminals	
RGB Input	D815FLC (2)
RGB Output Resolution	SVG/XGA
RGB Output	DB15FLC (2)
Projector Controls	RS232, 9Pin D-Sub, male
Audio Input	Mini Jack (1)
MIC Input	Mini Jack (1)
Video Input	C-Video: RCA Jack (1) S-Video: 4 Pin mini DIN (1)
Video Output	C-Video: RCA Jack (1) S-Video: 4 Pin mini DIN (1)
Video Out put Resolution	More than 450 TV lines
Audio Output (stereo)	Mini Jack (1)
USB	USB2.0
Power	12V/4A external AC adapter
Lighting	
Upper Lamp	1.5W LED lamps (2 sets)
Lower Lamp	Built-in light box
Control	
Colour Adjusment	Auto/manual
Brightness Adjustment	Auto/manual
MIC Adjustment	Yes
Projector On/Stanby / Input Switch	Available through RS232
Step Motor	Optional
Central Control Box (projector Power control Projector screen Control)	Optional
Other	
Remote Controls	Built-in storage compartment and controls camera from different angles.
Power	12V4A external AC adapter
Dimensions (WxDxH)	510x 410x 120mm 510x 530x 570mm
Weight	N.W: 5.5Kg (AC adapter excluded) G WE: 7.5Kg
Warranty	2 - year manufacturer warranty

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