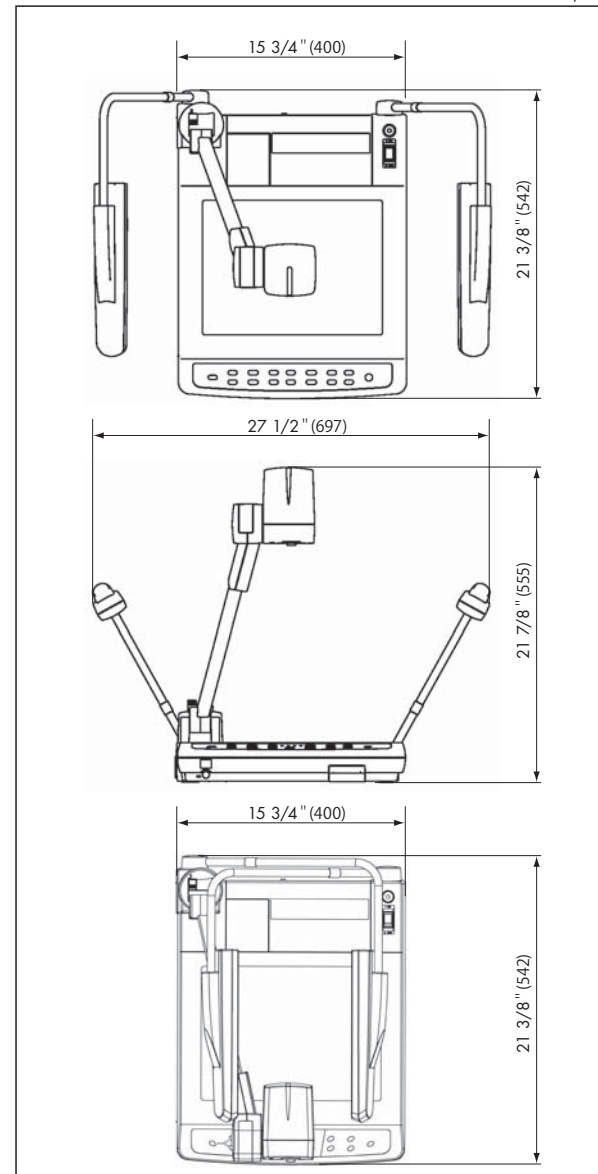# High-Resolution Visual Presenter HV-5100XG

SPECIFICATIONS

Camera	Image pick-up device		1/3" progressive scan CCD, 850,000 pixels
	Effective pixels		1034 (H) x 779 (V)
	Frame rate		20 frames/sec.
	Resolution	RGB output	600(H) x 600(V) TV lines
		Video output	400(H) TV lines
Optics	Zoom		Powered (with double speed function), 18x Optical
	Lens		F2.8, f=4.7 to 84.6mm
	Shooting area		Max. 13 7/8" x 10 1/4" (350 x 260mm)
			Min. 1 1/8" x 7/8" (30 x 23mm)
	Focus		Auto/Manual (powered)
Functions	White balance		Full-Auto/One-Push/Manual
	Nega/Posi conversion		Provided
	Frame Accumulate Mode		Provided
	Edge enhancement		Provided
	Color/B&W selection		Provided
	Pause mode		Provided
	Digital zoom		Provided (2x, Scroll)
	Gamma adjustment		Provided
	OSD (on-screen display)		Provided
	Image save		Internal (x 8)
	Image rotation		Provided (0°, 90°, 180°, 270°)
	Down converter		Provided
Interfaces	Internal selection		Int./RGB1/RGB2
	Analog RGB output		XGA (1024 x 768 @60Hz)
	Video output		Composite, S-Video
	DC 12V output		Provided
	RGB input		Provided (x2)
	Mouse port		Provided
PC interface	RS-232C port		Provided
	USB port		Provided
Lighting	Upper lighting unit		Provided (twin fluorescent lamp)
	Base light		Provided
Others	Accessories		AC adapter, RGB cable, LCD monitor connection cable
			Video cable, S-Video cable, USB cable, Instruction manual
			IR remote control, Mouse, Utility software CD-ROM, Warranty card
	Dimensions	Setup	27 1/2" x 21 3/8" x 21 7/8" (697 x 542 x 555mm)
	(W x D x H)	Folded	15 3/4" x 21 3/8" x 7 1/8" (400 x 542 x 181mm)
	Weight		21.6lbs (9.8Kg)
	Application software		Image Mate
			TWAIN drive (for Windows, Mac)
	Power source		AC 100 to 240V, 50/60Hz

NOTE: Design and specifications are subject to change without prior notice. Dimensions and weight are approximate.

Design and specifications are subject to change without prior notice.

The images on this brochure are simulated.

" ELMO " is a trademark or registered trademark of ELMO COMPANY, LIMITED.

Other brand names and product names may be trademarks or registered trademarks of their respective owners.

PROFILE

All dimensions in inches(mm)

15 3/4 " (400)

21 3/8 " (542)

27 1/2 " (697)

21 7/8 " (555)

15 3/4 " (400)

21 3/8 " (542)

ELMO

FOCUS ON THE FUTURE

ELMO CO., LTD.

6-14, Meizen-cho, Mizuho-ku
Nagoya, 467-8567, Japan

Distributed by

Additional technical information is available from any of the following subsidiary companies;

ELMO

HV-5100XG
High-Resolution Visual Presenter

A 18times Optical Zoom

85 850,000 pixels Progressive Scan CCD

F.A.M. (Frame Accumulate Mode)

20 Moving Picture Output 20 frames / sec.

Superior Image Clarity makes Difference.

Unrivaled Clarity of Image

ELMO's technology has put up a new standard of image quality. The newly developed CCD pixel interpolation circuit faithfully reproduces even the finest differences of colors, and our improved image processing formula effectively minimizes noises on the images.
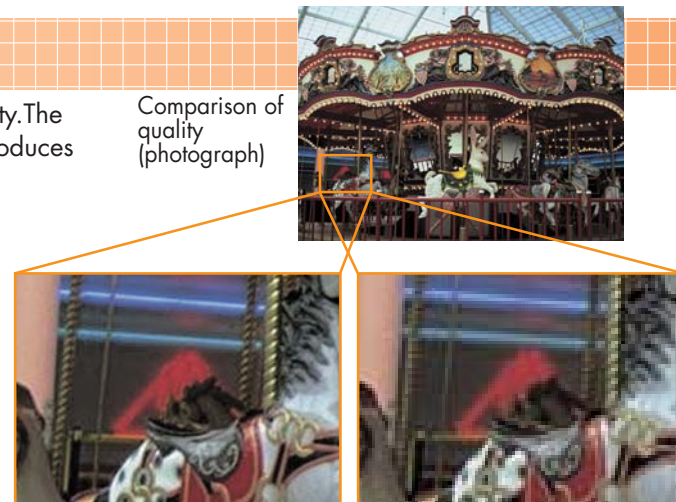
Comparison of quality(text)

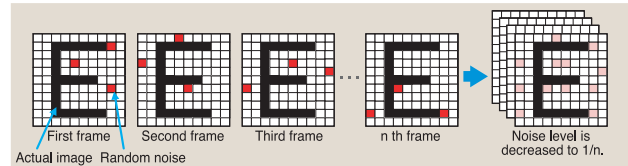Comparison of quality (photograph)

HV-5100XG

Conventional model

HV-5100XG

Conventional model

F.A.M.(Frame Accumulate Mode)

ELMO's infinite quest for even better image quality has made this breakthrough come true. By accumulating the frames, random noises are greatly reduced and the images produced are crystal-clear.

First frame   Second frame   Third frame   n th frame   Noise level is decreased to 1/n.
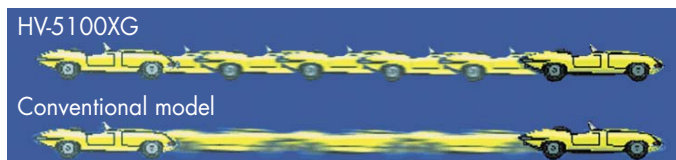
Actual image Random noise

Frame Accumulate Mode;OFF

Frame Accumulate Mode;ON

20 frames/sec. Smooth Motion Image

Moving objects can also be captured and reproduced with high image quality at 20 fps transferring rate.
Impressive presentations are guaranteed by presenting real-time motion of moving objects.
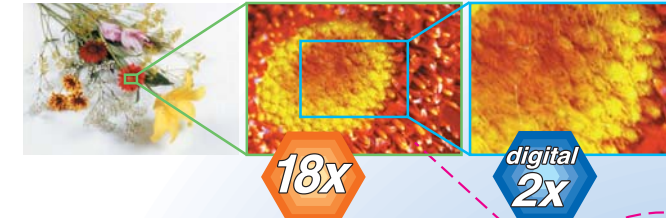
HV-5100XG

Conventional model

Amazing 36x magnification & One-push auto focus function

High performance 18x optical zoom with the 2x digital magnification function can continuously enlarge images up to 36 times.
A one-push auto-focus allows easy focus adjustment.

18x

digital 2x

850,000 pixels Progressive CCD

Using an 850,000-pixels CCD pickup, the HV-5100XG's camera system can capture real-time moving images at 20fps and fine text as small as 10 points. True XGA (1024 x 768) resolution allows the realistic reproduction of three-dimensional objects and subtle color tones.

Simple Operation

In keeping with ELMO's user friendly principle, easily viewable buttons are set out on the HV-5100XG. This allows for incredibly easy operation for everyone.
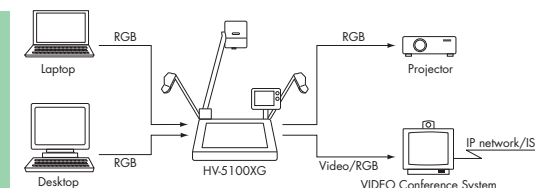
The wireless remote gives you complete control of all the presenter's functions.

Screen Scroll function

Enlarged images can be scrolled up and down, and left and right so there's no need to move the object.

Versatile System Integration

Laptop   RGB   RGB   Projector

Desktop   RGB   HV-5100XG   Video/RGB   IP network/ISDN

VIDEO Conference System

OSD(On Screen Display)

With OSD that appears on the screen, various adjustments can be done easily. The icons are all intuitively recognizable.

Convenient Rotating Camera Head

The camera head can be freely rotated as shown in pictures left.
It can be easily aimed at any materials displayed on walls or even the audience in the room.

Flip-type close-up lens

With a flip of the built-in close-up lens at the camera head, it can be easily switched between normal or distant shots.
Open the flip forward when you want to take a distant shot.

Other Convenient Features

- Nega / Posi conversion
- Color / B&W selection with aperture correction
- Freeze function
- Edge enhancement
- 8 picture memory
- Gamma selection
- Image rotation
- Down Converter for main camera & RGB inputs
- User Preset (8 modes)
- Carrying handle
- Wireless Remote
- Electronic pointer

AC IN   DC12V   RS-232C   RGB OUT   RGB1

MOUSE   USB   OUTPUT   INPUT   RGB2

HV-5100XG supports two inputs, two video outputs, composite and S-Video.