Cota, Cundinamarca, 6 de agosto de 2024

NES-Paz de Ariporo-003

Señores:
ARG CONSULTORES & SERVICIOS
Cesar Antonio Romero Delgado
Director de Interventoría
Bogotá

Referencia: Remisión fichas técnicas, contrato de suministro e instalación – Paz de Ariporo.

Nueva Era Soluciones S.A.S, empresa contratada para la ejecución del contrato cuyo objeto es el SUMINISTRO E INSTALACIÓN DE DOTACIÓN TECNOLÓGICA PARA LAS INSTITUCIONES Y SEDES EDUCATIVAS DEL MUNICIPIO DE PAZ DE ARIPORO EN EL MARCO DE LA IMPLEMENTACIÓN DE LOS ACUERDOS DE PAZ PARA ZONAS MÁS AFECTADAS POR EL CONFLICTO, ESPECÍFICAMENTE DENTRO DEL PROGRAMA DE OBRAS POR IMPUESTOS. BPIN No. 20200214000093, contrato celebrado el 19 de junio de 2024, sobre el cual las partes suscribieron Acta de Inicio el 18 de julio de 2024, se adjuntan las siguientes fichas técnicas.

Dado cumplimiento del cronograma de ejecución allegado mediante el plan operativo, se adjuntan al presente comunicado las siguientes fichas técnicas para su revisión y aprobación.

- Portátiles. Lenovo V14 G4 IRU – Core I3 8G 512G
- Diademas. Yealink UH34 Lite Mono
- Video beam. Infocus IN116AA, Infocus SP126 y ViewSonic PA503W
- Televisores. LG 65" 65UT7300 4K-UHD LED Smart TV
- Estabilizadores. POWEST-PRO-PC-1000
- Telones. Lulova_TL-304
- Parlante. Cabina GTS 1146

Atentamente,

Luis Rafael Valderrama Caraballo
Director de Proyectos
Nueva Era Soluciones
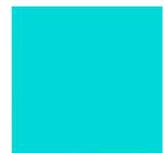
OVERVIEW
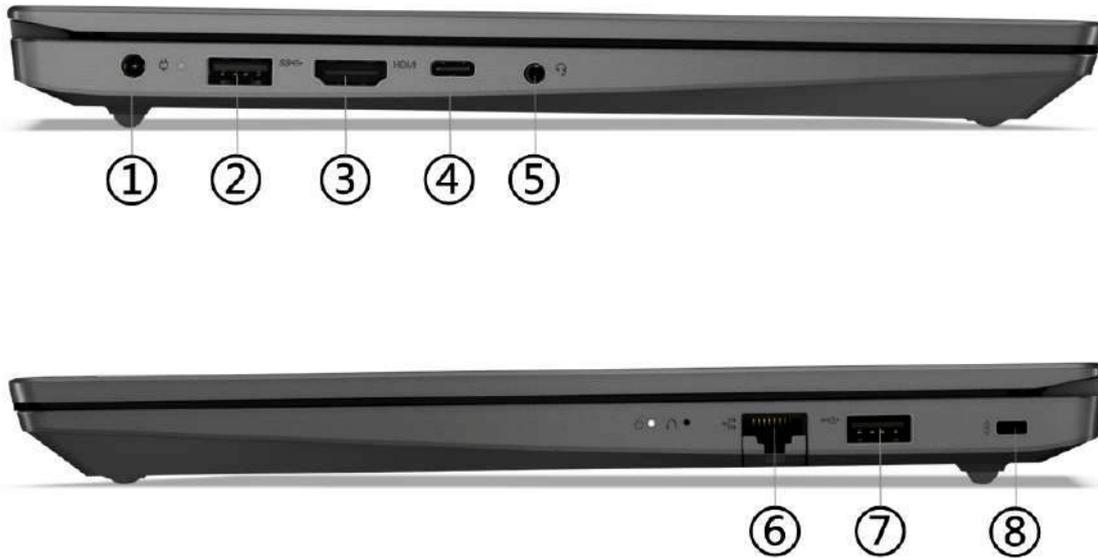
1.	Power connector	5.	Headphone / microphone combo jack (3.5mm)
2.	USB 3.2 Gen 1	6.	Ethernet (RJ-45)
3.	HDMI	7.	USB 2.0
4.	USB-C 3.2 Gen 1	8.	Kensington Nano Security Slot

PERFORMANCE

Processor

Processor Family

13th Generation Intel® U or H Series Core™ i3 / i5 / i7 Processor

Processor**

Processor Name	Cores	Threads	Base Frequency	Max Frequency	Cache	Processor Graphics
Core™ i3-1315U	6 (2 P-core + 4 E-core)	8	P-core 1.2GHz / E-core 0.9GHz	P-core 4.5GHz / E-core 3.3GHz	10MB	Intel® UHD Graphics
Core™ i5-1335U	10 (2 P-core + 8 E-core)	12	P-core 1.3GHz / E-core 0.9GHz	P-core 4.6GHz / E-core 3.4GHz	12MB	Intel® Iris® Xe Graphics[1]
Core™ i5-13420H	8 (4 P-core + 4 E-core)	12	P-core 2.1GHz / E-core 1.5GHz	P-core 4.6GHz / E-core 3.4GHz	12MB	Intel® UHD Graphics
Core™ i7-1355U	10 (2 P-core + 8 E-core)	12	P-core 1.7GHz / E-core 1.2GHz	P-core 5.0GHz / E-core 3.7GHz	12MB	Intel® Iris® Xe Graphics[2]

Notes:

[1], [2] Intel® Iris® Xe Graphics capability requires system to be configured with dual-channel memory. On the system with single-channel memory, Intel® Iris® Xe Graphics will function as Intel® UHD Graphics.

Operating System

Operating System**

- Windows® 11 Pro
- Windows® 11 Home
- Windows® 11 Home Single Language
- Windows® 11 DG Windows® 10 Pro 64
- No preload operating system

Graphics

Graphics**

Graphics	Type	Memory	TGP	Key Features
Intel® UHD Graphics	Integrated	Shared	Share CPU TDP	DirectX® 12.1
Intel® Iris® Xe Graphics[1]	Integrated	Shared	Share CPU TDP	DirectX® 12.1

Notes:

[1] Intel® Iris® Xe Graphics capability requires system to be configured with dual-channel memory. On the system with single-channel memory, Intel® Iris® Xe Graphics will function as Intel® UHD Graphics.

Monitor Support

Monitor Support

Supports up to 3 independent displays (native display and 2 external monitors via HDMI® and USB-C®)
• HDMI® supports up to 3840x2160@30Hz
• USB-C® supports up to 4096x2160@60Hz

Chipset

Chipset

Intel® SoC (System on Chip) platform

Memory

Max Memory[1]

- Up to 16GB (16GB soldered + empty SO-DIMM slot) DDR4-2933 offering
- Up to 16GB (8GB soldered + 8GB SO-DIMM) DDR4-3200 offering

Memory Slots

One memory soldered to systemboard, one DDR4 SO-DIMM slot, dual-channel capable

Memory Type**

- DDR4-2933
- DDR4-3200

Notes:

[1] The max memory is based on the test results with current Lenovo® memory offerings.

Storage

Storage Support[1]

- Models with 38Wh battery: up to two drives, 1x 2.5″ HDD + 1x M.2 SSD
  - 2.5″ HDD up to 1TB
  - M.2 2242 SSD up to 512GB
- Models with 45Wh battery: one drive, 1x M.2 SSD
  - M.2 2242 SSD up to 512GB

Storage Slot

- Models with 38Wh battery: one 2.5″ drive slot + one M.2 slot
  - One 2.5″ SATA HDD slot
  - One M.2 2280 PCIe® 4.0 x4 slot
- Models with 45Wh battery: one M.2 slot
  - One M.2 2280 PCIe® 4.0 x4 slot

Storage Type***

Disk Type	Interface	RPM	Offering
2.5″ SATA HDD	SATA 6Gb/s	5.4K	1TB
M.2 2242 SSD	PCIe® NVMe®, PCIe® 3.0 x4	-	128GB
M.2 2242 SSD	PCIe® NVMe®, PCIe® 4.0 x4	-	256GB / 512GB / 1TB

Notes:

[1] The storage capacity supported is based on the test results with current Lenovo® storage offerings.

Removable Storage

Card Reader

No card reader

Multi-Media

Audio Chip

High Definition (HD) Audio, Realtek® ALC3287 codec

Speakers

Stereo speakers, 1.5W x2, Dolby Audio™

Microphone

Dual-microphone array

Camera

HD 720p, with privacy shutter, fixed focus

Battery

Battery**

- Integrated Li-Polymer 38Wh battery, supports Rapid Charge (charge up to 80% in 1hr)
- Integrated Li-Polymer 45Wh battery, supports Rapid Charge (charge up to 80% in 1hr)

Max Battery Life[1]

- Models with 38Wh battery:
  MobileMark® 2018: 6 hr
  Local video (1080p) playback@150nits: 7.5 hr
- Models with 45Wh battery:
  MobileMark® 2018: 8.2 hr
  Local video (1080p) playback@150nits: 10.4 hr

Notes:

[1] All battery life claims are approximate maximum and based on results using the MobileMark® 2014, MobileMark® 2018, MobileMark® 25, JEITA 2.0, continuous 1080p video playback (with 150nits brightness and default volume level) or Google Power Load Test (PLT) battery-life benchmark tests. Actual battery life will vary depending on many factors such as product configuration and usage, software use, wireless functionality, power management settings, and screen brightness. The maximum capacity of the battery will decrease with time and use.

Power Adapter

Power Adapter**[1]

- 65W round tip (3-pin) AC adapter, 100-240V, 50-60Hz
- 65W USB-C® (3-pin) AC adapter, supports PD 3.0, 100-240V, 50-60Hz

Notes:

[1] AC adapter offerings depend on the country.

DESIGN

Display

Display**

Size	Resolution	Touch	Type	Brightness	Surface	Aspect Ratio	Contrast Ratio	Color Gamut	Refresh Rate	Viewing Angle (L/R/U/D)	Key Features
14"	FHD (1920x1080)	None	TN	250nits	Anti-glare	16:9	500:1	45% NTSC	60Hz	45°/45°/15°/35°	TÜV Low Blue Light (Software)
14"	FHD (1920x1080)	None	IPS[1]	300nits	Anti-glare	16:9	800:1	45% NTSC	60Hz	85°/85°/85°/85°	TÜV Low Blue Light (Software)

Touchscreen

Non-touch

Notes:

[1] IPS (in-plane switching) technology may refer to IPS, PLS, ADS, AHVA, AAS.

Input Device

Keyboard

6-row, spill-resistant, multimedia Fn keys, SMB Service Hot key

Keyboard Backlight

Non-backlight

Touchpad

Buttonless Mylar® surface multi-touch touchpad, supports Precision TouchPad (PTP), 62 x 104 mm (2.44 x 4.09 inches)

Mechanical

Dimensions (WxDxH)[1]

324.2 x 215.2 x 19.9 mm (12.76 x 8.47 x 0.78 inches)

Weight[2]

Starting at 1.43 kg (3.15 lbs)

Case Color**

- Business black
- Iron grey

Surface Treatment**

- IMR (in-mold decoration by roller)
- Texture

Case Material

PC-ABS (top), PC-ABS (bottom)

Notes:

[1] The system dimensions may vary depending on configurations.

[2] The system weight is approximate and based on results in Lenovo® lab, which varies depending on the source of component, variance of the distribution of each component, and manufacturing process. It may not be the exact weight for each specific model.

CONNECTIVITY

Network

Ethernet

Gigabit Ethernet, 1x RJ-45

WLAN + Bluetooth®**

- 802.11ac 2x2 Wi-Fi® + Bluetooth® 5.1, M.2 card
- Wi-Fi® 6, 802.11ax 2x2 Wi-Fi® + Bluetooth® 5.2, M.2 card[1]

Notes:

[1] Wi-Fi® 6 full features might be limited by country-level restrictions.

Ports[1]

Standard Ports

- 1x USB 2.0
- 1x USB 3.2 Gen 1
- 1x USB-C® 3.2 Gen 1 (support data transfer, Power Delivery 3.0 and DisplayPort™ 1.2)
- 1x HDMI® 1.4b
- 1x Headphone / microphone combo jack (3.5mm)
- 1x Ethernet (RJ-45)
- 1x Power connector

Notes:

[1] The transfer speed of following ports will vary and, depending on many factors, such as the processing speed of the host device, file attributes and other factors related to system configuration and your operating environment, will be slower than theoretical speed.
USB 2.0: 480 Mbit/s;
USB 3.2 Gen 1 (SuperSpeed USB 5Gbps, formerly USB 3.0 / USB 3.1 Gen 1): 5 Gbit/s;
USB 3.2 Gen 2 (SuperSpeed USB 10Gbps, formerly USB 3.1 Gen 2): 10 Gbit/s;
USB4® 20Gbps / USB 3.2 Gen 2x2 (SuperSpeed USB 20Gbps): 20 Gbit/s;
USB4® 40Gbps (USB 40Gbps): 40 Gbit/s;
Thunderbolt™ 3/4: 40 Gbit/s.

Docking

Docking

Various docking solutions supported via USB-C®.
For more compatible docking solutions, please visit [Docking for Lenovo® V14 G4 IRU](#)

SECURITY & PRIVACY

Security

Security Chip

Firmware TPM 2.0 integrated in SoC

Physical Locks

Kensington® Nano Security Slot™, 2.5 x 6 mm

Fingerprint Reader

No fingerprint reader

BIOS Security

- Power-on password
- Supervisor password
- Hard disk password
- Self-healing BIOS

Other Security

Camera privacy shutter

SERVICE

Warranty

Base Warranty[**]

- 1-year courier or carry-in service
- 2-year (1-yr battery) courier or carry-in service
- No base warranty

ACCESSORIES

Bundled Accessories

Bundled Accessories[1]

- Lenovo® 15.6″ laptop casual toploader, polyester
- None

Notes:

[1] For more compatible accessory solutions, please visit Accessories for Lenovo® V14 G4 IRU.

OPERATING REQUIREMENTS

Operating Environment

Temperature[1]

- At altitudes up to 2438 m (8,000 ft)
  - Operating: 5°C to 35°C (41°F to 95°F)
  - Storage: 5°C to 43°C (41°F to 109°F)
- At altitudes above 2438 m (8,000 ft)
  - Maximum temperature when operating under the unpressurized condition: 31.3°C (88°F)

Relative Humidity

- Operating: 8% to 95% at wet-bulb temperature 23°C (73°F)
- Storage: 5% to 95% at wet-bulb temperature 27°C (81°F)

Altitude

Maximum altitude (without pressurization): 3048 m (10,000 ft)

Notes:

[1] When you charge the battery, its temperature must be no lower than 10°C (50°F).

CERTIFICATIONS

Green Certifications[1]

Green Certifications[2]

- ENERGY STAR® 8.0
- EPEAT™ Silver Registered[3]
- ErP Lot 6
- ErP Lot 26
- FSC certified package
- RoHS compliant

Notes:

[1] The items listed under the "Green Certifications" section may not only refer to certification but also registration or self-declaration. For ESG & regulatory compliance documents, please visit https://compliance.lenovo.com.
[2] EPEAT™ registration and ENERGY STAR® certification are dependent on system OS. Please visit epeat.net and energystar.gov for more information.
[3] EPEAT™ is registered where applicable, please visit epeat.net for registration status by country.

Other Certifications

Mil-Spec Test

MIL-STD-810H military test passed

Other Certifications

TÜV Rheinland® Low Blue Light (Software Solution)

- Feature with ** means that only one offering listed under the feature is configured on selected models.

- Feature with *** means that one or more offerings listed under the feature could be configured on selected models.

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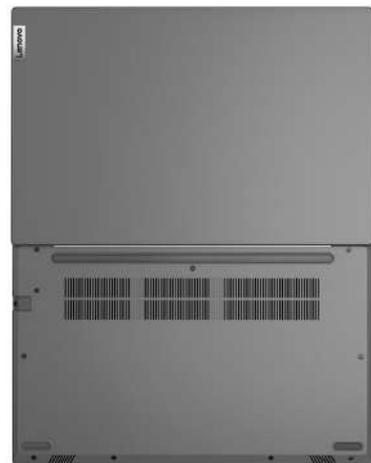
intel

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Yealink USB Wired Headset
UH34: Leather ear cushions   UH34 Lite: Foamy ear cushions

The Yealink UH34/UH34 Lite, available in monaural (UH34/UH34 Lite Mono) and binaural (UH34/UH34 Lite Dual), is a professional USB wired headset with crystal clear audio. The UH34/UH34 Lite offers a lightweight form factor that is comfortable to wear, even for an entire workday. It's suitable for workers who spend a lot of time wearing headsets for voice communications. Provided with Yealink USB Connect software and Yealink Device Management Platform/ Cloud Service, you are easy to check the device information and upgrade the firmware of one or multiple UH34/UH34 Lite headsets.

Simple and Flexible Connectivity

Runs right out of box, a USB plug-and-play setup makes the connectivity to PC. You can enjoy a reliable call experience with soft clients. Perfect match with Yealink IP phones give you optimized audio quality.

Ultra-lightweight, All Day Wearing Comfort

Built for comfort with soft ear cushions and ultra-lightweight materials, the UH34/ UH34 Lite is 10%~30%* lighter than other headsets in the same range. Its ergonomic design makes this headset comfortable enough for long conference calls and all day use. (* Test data provided by Yealink Lab)

Unparallel Audio Experience

Made for calls and music, UH34/UH34 Lite is kitted out with a high signal-to-noise ratio speaker and independent cavity design. The passive noise cancellation creates a richer and clearer conversations with reduced background noise.

Intuitive Controller

The hand-held controller with LED indicator provides easier access to key call control capabilities, including answer call, end call, reject call, and mute/unmute.
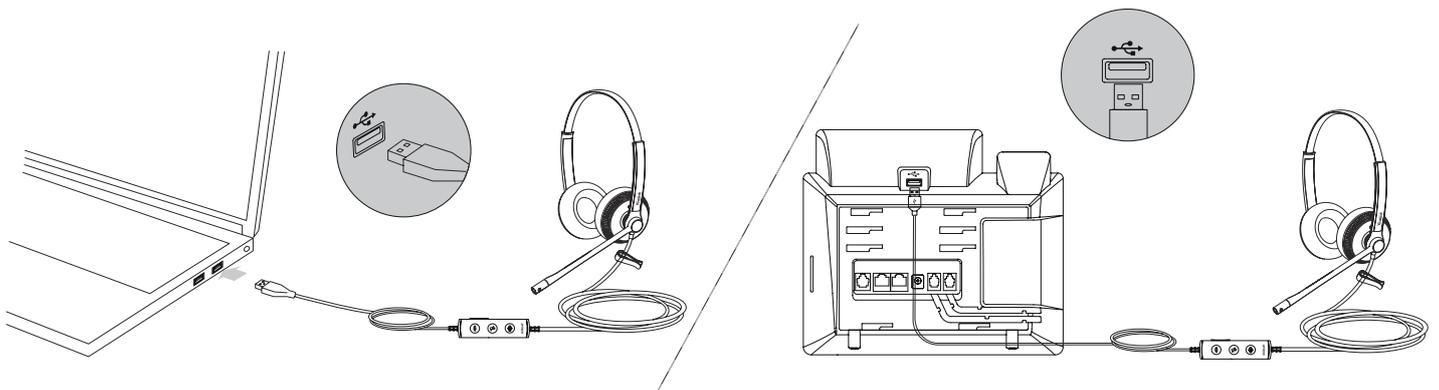
UH34/UH34 Lite Mono Teams
UH34/UH34 Lite Mono UC

UH34/UH34 Lite Dual Teams
UH34/UH34 Lite Dual UC

Connection

* When you use UH34 in some uncertified communication platforms, as a minimum, it works as audio only.

Main Features

- Plug-and-play
  - USB connectivity to Yealink IP phones, including T41S/T42S/T46S/T48S/T42U/T43U/T46U/T48U/ T53/T53W/T54W/T57W/T58A/VP59 (T41S/T42S/ T46S/T48S should be upgraded to version 82 or higher)
- HD Voice/Wideband speaker performance
- Noise-canceling microphone and passive noise cancellation
- ActiveProtection technology safeguards users from acoustic injury
- Integrated LED indicator and warning tone
- 320° bendable boom arm for easy adjustment without breaking
- Optional connections for UH34: USB-C, 3.5mm jack

General

- Headset cable length: 1.2 m (from headset to call control unit)
- USB cable length: 0.9 m (from call control unit to USB plug)
- Supported operating systems:
  Microsoft Windows® 8/8.1/10, Apple Mac OS

- Color: Black
- Weight: UH34 Mono: 88 g / UH34 Dual: 118 g / UH34 Lite Mono: 84 g / UH34 Lite Dual: 110 g
- Storage temperature: -30 °C to +70 °C
- Operating temperature: -10 °C to +50 °C

Microphone

- Microphone type: Uni-Directional ECM
- Microphone frequency response range: 100 Hz-10 kHz
- Microphone bandwidth: Wideband
- Microphone sensitivity: -44.0 dB re. 1 V/Pa

Speaker

- Speaker size: 28mm
- Speaker sensitivity: 93 dB SPL @1 kHz
- Speaker frequency response range: 20 Hz-20 kHz
- Speaker impedance: 32Ω, @1.0 kHz
- Speaker input power: max 10 mW
- Speaker bandwidth: Wideband

Easy Call Management

- Answer/End/Reject/Hold a call

- Volume up/down
- Microphone mute
- Redial last outgoing call

Package Features

- Package contents:
  - UH34 Mono Headset or UH34 Dual Headset or UH34 Lite Mono Headset or UH34 Lite Dual Headset
  (UH34 with leather ear cushions/UH34 Lite with foamy ear cushions)
  - Quick Start Guide
- Qty/CTN: 20 PCS
- N.W/CTN: UH34 Mono: 2.870 kg / UH34 Dual: 3.486 kg / UH34 Lite Mono: 2.790 kg / UH34 Lite Dual: 3.326 kg
- G.W/CTN: UH34 Mono: 3.576 kg / UH34 Dual: 4.202 kg / UH34 Lite Mono: 3.496 kg / UH34 Lite Dual: 4.042 kg
- Giftbox size: 170 mm*195 mm*63 mm
- Carton Meas: 345 mm*325 mm*400 mm

Compliance

CE ⏚ FC IC

About Yealink

Yealink (Stock Code: 300628) is a global brand that specializes in video conferencing, voice communications and collaboration solutions with best-in-class quality, innovative technology and user-friendly experience. As one of the best providers in more than 140 countries and regions, Yealink ranks No.1 in the global market share of SIP phone shipments (Global IP Desktop Phone Growth Excellence Leadership Award Report, Frost & Sullivan, 2019).

Copyright

Technical Support

Visit Yealink WIKI (http://support.yealink.com/) for firmware downloads, product documents, FAQ, and more. For better service, we sincerely recommend you to use Yealink Ticketing system (https://ticket.yealink.com) to submit all your technical issues.
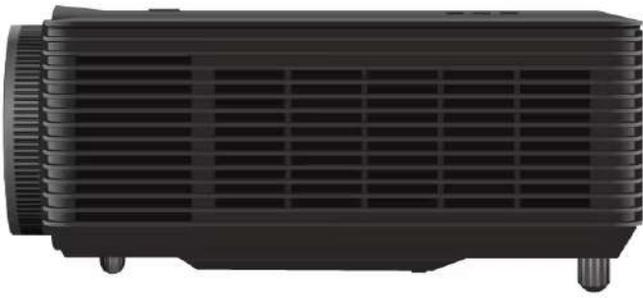
GENESIS SERIES IN116AA

WXGA - 3800 ✳ - 16:10 Aspect Ratio

The new Genesis IN116AA projector does more with ultra-long lamp life, high brightness, and amazing connectivity. Beam more perfect images and engage your audience with vibrant colors and low latency, perfect for gaming. Plus, the compact design and lightweight makes it as easy to move around as it is to install.

Features

Low Latency Gaming Mode

Improved communication time from the input source to your projector allows for an enhanced gaming experience.

USB-A Power for Devices

Power your external devices like Amazon Firestick or Roku with the convenient USB-A input right on the projector.

Industry-leading Lamp Life

The Genesis Series features up to an unprecedented 15,000 hours of lamp life when used in Dynamic Mode. With no filters to replace, these projectors are an unbeatable value.

Advanced Digital Image Correction

With the new digital edge masking and image shift features – we make getting those final image adjustments perfect.

Zoom

The zoom ratio adds flexibility for installations using pre-existing mounts. Adjust the zoom to create the perfect image in the same space.

Image

Projection Technology	Texas Instruments DLP®
Panel Size	0.65" DMD
Native Resolution	WXGA
Pixels	1280 x 800
Aspect Ratio	16:10
Contrast Ratio	30000:1
Brightness (Lumens)	3800
Light Source	UHP Lamp
Light Source Life Maximum Hours	15000
Maximum Supported Resolution	1920 x 1200
Horizontal Sync. Range (KHz)	31 ~ 97
Vertical Sync. Range (Hz)	56 ~ 85
Uniformity (%)	80

Optical

Lens	1.1x
Lens Zoom Adjustment	Manual
Optional Lenses	-
Image Offset (%)	112.4
Focal Length (mm)	21.85 ~ 24.01
F-Stop	2.41
Vertical Lens shift (%)	-
Horizontal Lens shift (%)	-
Keystone Adjustment	Manual
Vertical Keystone Correction	± 40°
Horizontal Keystone Correction	-
Projection Factor	1.54:1 ~ 1.72:1
Optical Zoom	1.1:1
Digital Zoom Demagnification / Magnification	0.8 ~ 2.0x
Focus Adjustment	Manual

Connectivity

Inputs

Mini D-sub 15-pin (VGA)	✅
Composite Video	-

|	
USB-B 2.0	-
RJ45 - LAN 10/100/1000	-
3.5 mm Stereo Mini Jack	✅
3.5 mm Stereo Mini Jack with Microphone	-
Outputs	
Mini D-sub 15-pin (VGA)	-
3.5 mm Stereo Mini Jack	✅
Powered USB-A for Wireless Dongle	✅
3D Sync	-
Other	
RS232	-
RJ45 HDBaseT	-
All Major 3D Formats	✅
USB-B 2.0 for Service	-
USB-A for Service	✅
Micro USB for Service	-
Document Reader	-
Video Player	-
Photo Viewer	-
Music Player	-
12v Screen Trigger	-

Power

Power Supply	100 ~ 240 V AC; 50 ~ 60 Hz
Power Consumption Max (W)	267
Power Consumption Min. (W)	210
Power Consumption Network Standby (W)	-
Power Consumption Standby (W)	<0.5

General

Dimensions (W x H x D) (mm / in)	236 x 313 x 107 / 9.3 x 12.4 x 4
Product Weight (Kilograms/Pounds)	2.6 / 5.7
Fan Noise (dB)	30
Audio (W)	3
Operating Temperature (Celsius/Fahrenheit)	5 ~ 40 / 41 ~ 104
Operating Humidity (%)	10 ~ 85
Max Operating Altitude (meters / feet)	3048 / 10000
Storage Temperature (Celsius/Fahrenheit)	-10 ~ 60 / 14 ~ 140
Storage Humidity (%)	10 ~ 85
Security	Kensington Security Slot™, PIN Code Lock & Timer
In the Box	VGA Cable, Power Cord, Remote Control (No Batteries)
Safety and Regulatory	CB, CE, EAC, cTUVus, CCC, FCC, UKCA, NOM, PSB, BIS
Environmental	WEEE, EU RoHS, China RoHS, CEL, CECP

GENESIS SERIES SP126
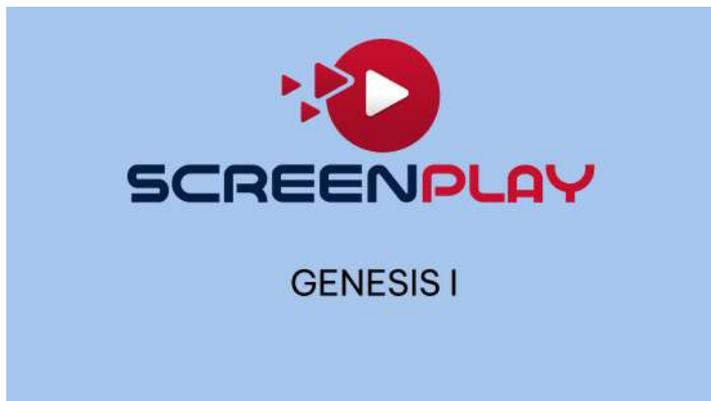
WXGA - 4000 ✳ - 16:10 Aspect Ratio

The ScreenPlay Genesis I DLP projectors offer an outstanding price performance ratio ultra-long lamp life, high brightness, and digital and analogue connectivity. Designed for tight budgets while not sacrificing on image quality or performance.

• Perfect images.
• Vibrant colours.
• Outstanding readability and contrast
• Compact and lightweight form.
• Versatile portable display solution.

The complete Genesis Series is also easy on the eye with its sleek matte while finish. Understated branding with accessories to match.

Features

Full 3D

Display 3D content from almost any 3D source, including 3D Blu-ray players and the latest game consoles.

USB-A Power for Devices

Power your external devices like Google Chromecast with Amazon TV with the convenient USB-A input on the projector.

Industry-leading Lamp Life

An unprecedented 15,000 hours of lamp life when used in Dynamic Mode. With no filters to replace.

High Brightness

Get better, brighter images on any surface, in any light, with 4000 lumens on the standard throw models and 3800 lumens on short throw models.

Advanced Digital Image Correction

With the new digital edge masking and image shift features – we make getting those final image adjustments perfect.

24/7 Operation

They are designed to operate 24 hours a day in standard orientation. Perfect for applications where prolonged periods of use are required.

Direct Power On/ Direct Power off

Instant power up when the projector receives an electric current, ideal for use in rooms with a "master" power switch. When you are finished power the unit down and go, no need for lengthy cooling period before your projector can be packed away.

Low Latency Gaming Mode

Improved communication time from the input source to your projector allows for an enhanced gaming experience.

Image

Projection Technology	Texas Instruments DLP®
Size	0.65" DMD

Native Resolution	WXGA
Pixels	1280 X 800
Aspect Ratio	16:10
Contrast Ratio	30000:1
Brightness (Lumens)	4000
Light Source	UHP Lamp
Light Source Life Maximum Hours	15000
Maximum Supported Resolution	1920 x 1200
Horizontal Sync. Range (KHz)	15 ~ 97.55
Vertical Sync. Range (Hz)	54 ~ 85
Uniformity (%)	80

Optical

Lens	1.1x
Lens Zoom Adjustment	Manual
Optional Lenses	-
Image Offset (%)	112.4
Focal Length (mm)	21.85 ~ 24.01
F-Stop	2.41
Vertical Lens shift (%)	-
Horizontal Lens shift (%)	-
Keystone Adjustment	Manual/Automatic
Vertical Keystone Correction	± 40°
Horizontal Keystone Correction	-
Projection Factor	1.54 ~ 1.72:1
Projection Distance (Meters/Feet)	1.0 ~ 10.0 / 3.28 ~ 32.80
Optical Zoom	1.1:1
Digital Zoom Demagnification / Magnification	0.8 ~ 2.0
Focus Adjustment	Manual

Connectivity

Inputs	Mini D-sub 15-pin (VGA), S-Video, HDMI™ 1.4, 3.5 mm Stereo Mini Jack, USB-A for Service
Outputs	3.5 mm Stereo Mini Jack, Powered USB-A for Wireless Dongle
Networking & Control	-
Embedded System	-
3D	Full 3D All Major Formats

Power

Power Supply	100 ~ 240 V AC; 50 ~ 60 Hz
Power Consumption Max (W)	267
Power Consumption Min. (W)	210
Power Consumption Network Standby (W)	-
Power Consumption Standby (W)	<0.5

General

ct Dimensions (L x W x H) (mm / in)	313 x 236 x 96.4 /12.4 x 9.3 x 3.8

Product Weight (Kilograms/Pounds)	2.9 / 6.4
Packaged Dimensions (L x W x H) (mm / in)	395 x 337 x 166 / 15.6 x 13.3 x 6.5
Packaged Weight (Kilograms/Pounds)	4.1 / 9.0
Fan Noise (dB)	27
Audio (W)	1 x 3
Operating Temperature (Celsius/Fahrenheit)	5 ~ 40 / 41 ~ 104
Operating Humidity (%)	10 ~ 85
Max Operating Altitude (meters / feet)	3048 / 10000
Storage Temperature (Celsius/Fahrenheit)	-10 ~ 60 / 14 ~ 140
Storage Humidity (%)	10 ~ 85
Security	Kensington Security Slot™, PIN Code Lock & Timer
Safety and Regulatory	CB, CE, EAC, cTUVus, CCC, FCC, UKCA, NOM, PSB, BIS
Environmental	WEEE, EU RoHS, China RoHS, CEL, CECP

Características **clave**

SuperColor: excelente precisión de color | Brillantez de 3800 lúmenes |

Eficiencia energética SuperEco | Latencia de entrada reducida

Producto **Descripción**

El proyector PA503W de ViewSonic®, con una excelente relación precio/rendimiento, tiene 3.800 lúmenes, resolución WXGA nativa de 1280x800, y un diseño intuitivo y fácil de usar. La exclusiva

tecnología SuperColor™ ofrece una gama de colores más amplia para la proyección de imágenes reales. El PA503W también incluye amplias opciones de conectividad, entre ellas entrada HDMI, 2 VGA,

video compuesto, 1 salida VGA y entrada/salida de audio. La función SuperEco™ para ahorrar energía reduce el consumo de electricidad en hasta un 70 % y prolonga la vida útil de la lámpara por hasta

15.000 horas*. Gracias a las funciones audiovisuales avanzadas, las opciones de conectividad flexibles y el precio accesible, el PA503W es ideal para usar en entornos educativos y pequeñas empresas.

*El consumo de energía y la vida útil de la lámpara pueden variar según el uso real y otros factores. La exclusiva tecnología SuperColor™ ofrece una gama de colores más amplia para la proyección de

imágenes reales. El PA503W también incluye amplias opciones de conectividad, entre ellas entrada HDMI, 2 VGA, video compuesto, 1 salida VGA y entrada/salida de audio. La función SuperEco™ para

ahorrar energía reduce el consumo de electricidad en hasta un 70 % y prolonga la vida útil de la lámpara por hasta 15.000 horas*. Gracias a las funciones audiovisuales avanzadas, las opciones de

conectividad flexibles y el precio accesible, el PA503W es ideal para usar en entornos educativos y pequeñas empresas.

*El consumo de energía y la vida útil de la lámpara pueden variar según el uso real y otros factores.

1. Lentes de proyección	4. Anillos de enfoque y zoom	7. Entrada/Salida de audio	10. Salida del monitor	13. Entrada de video
2. Sensor remoto IR	5. VGA x2	8. Entrada de CA	11. Kensington®	14. USB mini tipo B
3. Pie de elevación	6. HDMI	9. Panel de control	12. Ranura de bloqueo	15. RS232
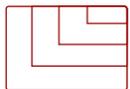
1280 x 800
RESOLUCIÓN

3800 ANSI
LÚMENES
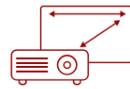
1,55~1,70
RELACIÓN DE ALCANCE

Contacto Ventas

comuníquese: 888.881.8781

Correo electrónico: salesinfo@viewsonic.com

Visite: viewsonic.com

Pantalla:

Tipo:	Lámpara DLP
Tipo de resolución:	WXGA (1280x800)
Resolución:	1280 x 800
Brillantez (lúmenes):	3800 ANSI
Tamaño de pantalla (in):	30 - 300 in. / 0,76 - 7,62 m
Distancia de alcance:	3,28 - 36,02ft / 0,99 - 10,98m
Relación de alcance:	1,55~1,70
Corrección trapezoidal:	Vertical (+/- 40°)
Lente:	Zoom óptico 1.1x
Fuente de luz (watt):	200
Vida útil de la fuente de luz, normal (horas):	5000
Vida útil de la fuente de luz, Eco-mode dinámico (horas):	15000
Profundidad de color:	1.07B Color (R/G/B 10bit)
Relación de contraste dinámico:	22.000:1
Relación de aspecto:	16:10

Señal de video:

Frecuencia Horizontal:	15K~102KHz
Frecuencia Vertical:	23~120 MHz

Compatibilidad:

Resolución de PC (máx.):	De VGA(640x480) a FullHD (1920x1080)
Resolución de Mac (máx.):	De VGA(640x480) a FullHD (1920x1080)

Conector:

Salida de audio de 3,5 mm (1), entrada de audio de 3,5 mm (1), control (RS232) (1), entrada HDMI (1), entrada VGA (2), salida VGA (1), entrada de video RCA compuesto (1), mini USB (1)

Audio:

Altavoces internos:	2W (x1)

Alimentación:

Voltaje:	100-240 V+/- 10 %, 50/60 Hz CA
Consumo (típico):	260w
En espera:	<0.5W

Condiciones de funcionamiento:

Temperatura:	32-104 ºF (0-40 ºC)

Peso (imperial):

Neto (lb):	4,9
Bruto (lb):	7,1

Peso (métrica):

Neto (kg):	2,2
Bruto (kg):	3,2

Dimensiones (imperiales) (ancho x alto x profundidad):

Empaque (in):	14,4x7,4x11,8
Físicas (in):	11,6x4,3x8,6

Dimensiones (métricas) (ancho x alto x profundidad):

Empaque (mm):	365x188x300
Físicas (mm):	294x110x218

General:

Normativa: FCC (incluso ICES003), cTUVus, NOM, TUV-Rheinland S Mark

CONTENIDO DEL PAQUETE: proyector PA503W, cable de alimentación, cable VGA, control remoto láser con baterías, Guía de inicio rápido

Garantía: Garantía limitada de tres años para las piezas y la fabricación, garantía limitada de 1 año para la lámpara, servicio Express Exchange® para el primer año. (Para el servicio gratuito Express Exchange por un año, el producto debe estar registrado).

RECICLAJE/DESECHO: Deseche el producto de acuerdo con las leyes locales, estatales y federales.

UPC: 766907904918

Accesorios:

PGD-350, PJ-CASE-008, PJ-WMK-006, PJ-WMK-007, PM-FCP, PRJ-EE-05-03, PRJ-EEEW-07-01 , PRJ-EEEW-07-02, PRJ-EW-07-01, PRJ-EW-07-02, RLC-109

Especificaciones clave

Tipo de Pantalla	**Tasa de Refresco**
4K UHD	60Hz
Procesador de Imagen	**HDR (Alto Rango Dinámico)**
Procesador α5 IA 4K Gen7	HDR10 / HLG
Salida de Audio	**Sistema de Altavoces**
20W	2.0 Ch
Dimensiones del televisor sin soporte (ancho x alto x profundidad, mm)	**Peso del televisor sin soporte (kg)**
1 446 x 834 x 80,8	17,1

Todas las especificaciones

IMAGEN (PANTALLA)

Tipo de Pantalla	Resolución de Pantalla	Tipo de Retroiluminación	Tasa de Refresco
4K UHD	4K Ultra HD (3,840 x 2,160)	Directa	60Hz

IMAGEN (PROCESANDO)

Procesador de Imagen	Escalador AI	Mapeo Dinámico de Tonos	HDR (Alto Rango Dinámico)
Procesador α5 IA 4K Gen7	Escalado a 4K	Si	HDR10 / HLG

FILMMAKER MODE™	Modo Imagen
Si	9 modos (Vívido, Estándar, Eco, Cine, Deportes, Juego, Cineasta, (ISF)Experto(Habitación Luminosa), (ISF)Experto(Habitación Oscura))

VIDEOJUEGOS

Modo HGIG	Optimizador de Juegos	ALLM (Modo Automático de Baja Latencia)
Si	Sí (Panel de Juego)	Si

SMART TV

Funciona con Apple Airplay2 Si	Sistema Operativo (OS) WebOS 24	Configuración Familiar Si	LG ThinQ® AI Si
Compatible con cámara USB Si	Amazon Alexa Listo (requiere Magic Remote)	Navegador Web Completo Si	Reconocimiento de Voz Inteligente Si (con LG ThinQ app.)
Canales LG Si	Control Magic Remote Listo (requiere Magic Remote)	Compartir de Habitación a Habitación Sí (Entrada)	Aplicación remota para smartphone Sí (LG ThinQ)

SONIDO

AI Sound AI Sound Pro (Virtual 9.1.2 Up-mix)	Clear Voice Pro Si (Nivelación automática de volumen)	LG Sonido Sync Si	Modo audio Compartido Si
Salida de Audio Simultánea Si	Conexión Bluetooth Surround Sí (reproducción en 2 direcciones)	Afinación acústica IA Listo (requiere Magic Remote)	Codificador de audio AC4, AC3(Dolby Digital), EAC3, HE-AAC, AAC, MP2, MP3, PCM, WMA, apt-X (Consulte el manual)
Salida de Audio 20W	Dirección de Altavoz Hacia Abajo	Sistema de Altavoces 2.0 Ch	

ACCESIBILIDAD

Contraste Alto	Escala de Grises	Colores invertidos
Si	Si	Si

DIMENSIONES Y PESO

Dimensiones del televisor sin soporte (ancho x alto x profundidad, mm)	Dimensiones del televisor con soporte (ancho x alto x profundidad, mm)	Dimensiones de la caja (ancho x alto x profundidad, mm)	Base de TV (ancho x profundidad, mm)
1 446 x 834 x 80,8	1 446 x 905 x 341	1 600 x 960 x 164	1 319 x 352

Peso del televisor sin soporte (kg)	Peso del televisor con soporte (kg)	Peso del embalaje (kg)	Montaje VESA (ancho x alto, mm)
17,1	17,3	23,3	400 x 300

CÓDIGO DE BARRAS

Código de barras

8806084530950

CONECTIVIDAD

Canal HDMI de retorno de audio	Soporte Bluetooth	Entrada Ethernet	Simplink (HDMI CEC)
	Si (v 5.1)	1ea	Si

eARC (HDMI 2)

SPDIF (salida óptica de audio digital)

1ea

Entrada HDMI

3ea (soporte eARC, ALLM)

Entrada RF (antena/cable)

1ea

Entrada USB

2ea (v 2.0)

Wi-Fi

Sí (Wi-Fi 5)

ENERGÍA

Fuente de alimentación (Voltage, Hz)

AC 110~240V 50-60Hz

Consumo de energía en espera

Por debajo 0.5W

ACCESORIOS INCLUIDOS

Cable de alimentación

Sí (incluido)

Remoto

Control remoto estándar

Baterías de control remoto

Sí (AAA x 2EA)

POWEST®

POWEST
PRO PC 1000
1000 VA

Regulador de voltaje ideal para el hogar y equipos de oficina. Diseño de alta confiabilidad y desempeño.

- Capacidad de 1 KVA
- Indicadores LEDs de encendido, voltaje bajo y voltaje alto.
- 8 tomas con fácil acceso frontal.
- Switch de rearme automático contra cortocircuito y/o sobrecarga.
- Permite la conexión de la estación de cómputo sin extensiones. (CPU, monitor, audio y una impresora de inyección de tinta).
- Prolonga la vida útil de sus equipos.
- Material resistente a golpes y altas temperaturas.
- Orificios para la instalación a la pared.
- Evita que pasen los picos de voltaje al equipo.
- Certificación RETIE.

CARACTERÍSTICAS TÉCNICAS REGULADORES PRO PC 1000		
Modelo	PRO PC 1000	
Capacidad	1000	
Aplicaciones	Equipos de Computo + periféricos	
Características de entrada		
Topología de entrada	Monofásica	
Voltaje nominal de entrada	120VAc	
Cantidad de hilos	3 (Fase +Neutro +GND)	
Rango de voltaje de entrada	120 V +/- 25%	
Frecuencia	60 Hz	
Conexión	Clavija NEMA 5-15P	
Características de salida		
Topología de salida	Monofásica	
Voltaje nominal de salida	120 VAC	
Factor de potencia de Salida	0,6	
Potencia W	1000VA/600W	
Tipo de onda de salida	Senosoidal	
Cantidad de hilos	3(Fase +Neutro+GND)	
Frecuencia nominal de salida	60Hz	
Pasos de regulación	3 Pasos con conmutación con relevos	
Tiempo de respuesta	6 ms	
Indicadores	Encendido	Indicador luminoso verde
	Sobre voltaje en red	Indicador luminoso Amarillo
	Subvoltaje en el red	
Conexión	8 Salidas NEMA 5-15R con protección contra sobrecorrientes. (4 reguladas + 4 no reguladas para periféricos)	
Protección	Contra Sobrecarga con fusible de rearme, Picos de Voltaje, Salida, RJ45.	
Características ambientales		
Ambiente de operación	Temperatura de operación	50°C
	Humedad	Menor 85°C no codensada
Dimensiones (altoxanchoxprofundo)	92mm*93mm*176 mm	
Peso Kg.	1,07 Kg	
Otras características		
Garantía	25 meses	

LULOVA ®

Característica de la tela:

- Grosor: 0.42+/-0.03.
- PET: compuesta con HD nano.

1 AÑO
GARANTÍA

Tipo de Tela
PET

Ganancia
1.0

Angulo de visión
110°
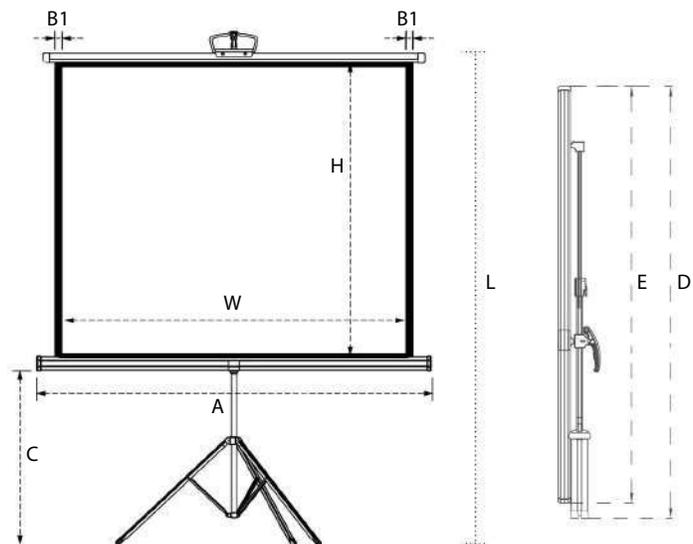
Especificaciones

Telones de Trípode

*Las mediciones no marcadas son por defecto MM.

Formato	Modelo	Especificación (pulgadas)	Área de Visión (W x H)	W	H	B1	A	L	C	E	D
1:1	TL-300	100	1800 x 1800	1800	1800	30	1930	2335	800	1930	1930
1:1	TL-305	113	2030 x 2030	2030	2030	30	2150	2565	520	2150	2150
4:3	TL-304	120	2440 x 1800	2440	1800	30	2570	2340	630	2570	2570

Nuestros telones portátiles de trípode LULOVA se adaptan a la mayoría de espacios disponibles, ya que cuentan con un soporte de trípode ajustable a la necesidad. Su construcción robusta puede soportar los rigores del uso diario.

Trípode de metal resistente, duradero y ajustable. Carcasa octagonal de color blanco. Giro de 360° para total cobertura y corrector de efecto Keystone (distorsión trapezoidal) de 7 niveles. Pantalla blanca mate plana para lograr imágenes perfectas. Estructura liviana y resistente de fácil transporte para presentaciones portátiles en pequeños y medianos espacios. Sistema de fácil configuración y puesta en funcionamiento. Sistema de simple desarmado para fácil y óptimo almacenamiento. Soporte telescópico ajustable que permite alturas variables y adecuación de formato de pantalla en variadas relaciones de aspecto, tales como 1:1, 4: 3, 16:9, 16:10. PVC con respaldo negro que elimina penetración de luz indeseada. Listos para 4K Ultra HD y 3D Activo. 110° de amplio ángulo de visión y 1.0 de ganancia de imagen para óptima visualización. Marco negro para óptima y profesional proyección de imagen.

Características:

- Excelente tela, baja reflexión, alto contraste.
- Restaura el color verdadero.
- Sistema practico de instalación.

- Con sistema de remover el Chasis del trípode.
- Versatilidad en utilidad para diferentes espacios.
- Telones de Trípode.

CABIANA GTS 1146

CARACTERISTICAS

- Reproduce USB y tarjeta TF.
- Reproduce formato MP3/WMA.
- Pantalla LED.
- Sonido potente.
- Batería de litio.
- Radio fm.
- Incluye micrófono y control.
- Entrada auxiliar.
- Conectividad vía bluetooth.
- Potencia RMS: 30W.
- Impedancia de salida: 4 ohms.
- Tiempo de reproducción: 3 horas aproximadamente.
- Tiempo de carga: 3 horas.
- AC 100-240V.
- Consume 50-60Hz.

DISTRIBUIDORES
AUTORIZADOS

GREATNICE