

Ecuadorian Thermal Passage Armor



Article Overview

Ecuadorian armored vehicles, notably AMX-13 light tanks, are equipped with Israeli EL-OP thermal sights integrated into modernized fire control systems.

Overview of Thermal Systems

The Ecuadorian Army has upgraded its AMX-13 light tanks with EL-OP thermal sights, which allow for enhanced target detection and engagement in low-light or night conditions. These thermal systems are part of a broader modernization package that includes a laser rangefinder, digital fire control computer, and aiming graticule module, enabling accurate firing under various environmental conditions. The integration of thermal sights significantly improves the tank's operational capability during night operations or in poor visibility.

Vehicle Integration

The thermal sights are mounted on the AMX-13 light tank, which has undergone multiple upgrades over the years. These upgrades include:

- Replacement of the original gasoline engine with a diesel engine for better reliability and performance.
- Installation of a computerized fire control system that works in conjunction with the thermal sight to calculate firing solutions.
- Additional armor protection and fire/explosion detection systems to enhance crew survivability. Some AMX-13 variants are also equipped with 105 mm guns capable of firing APFSDS rounds, and the thermal sight allows for precise targeting of armored...

Article Content

Jan 09, 2026

Thermal Resistant Armour

Thermal Resistant Armour is an engineer modification that can be applied to Bulkheads. It increases thermal resistance to weapons

Sep 21, 2025

eq:House of Thule Armor Guide :: Wiki :: EverQuest :: ZAM

Producing the Armor Note: Both group and raid armor are produced in the same manner (same container, templates,

May 27, 2026

CCL X1 with 60 HVMS

The CCL X1 with 60 mm HVMS was a brief project to upgrade Ecuadorian M3A1 Stuarts to

Sep 14, 2025

Royal Hidden Passage walkthrough for Soldier's Armor set in

The Soldier's Armor set grants a solid defense boost in Zelda: Tears of the Kingdom, but it's off the beaten path. Here's

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Armor | Remnant 2 Wiki

Remnant 2 Armor Guide: Find a full list of Armor, Armor Stats, Set Bonuses, and how to get

Jun 24, 2026

Hard Armor 101, General Information, Material

I will cover some basic armor testing parameters and explain what the NIJ is. I also hope to

Mar 30, 2026

Thermal comfort in dwellings in the subtropical highlands

Thermal comfort in dwellings in the subtropical highlands Case study in the Ecuadorian Andes Isabel Mino-Rodriguez

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Traditional Clothing and Dress of Ecuador

The Ecuadorian Coast (la Costa) The Ecuadorians inhabiting the coast are the most modernized in terms of their dress, and their

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Cold War Ecuadorian Armor Archives

At the end of the 1980s, the Ecuadorian Army sought a replacement for its AMX-13 fleet. They launched a competition which would

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44 Of History's Most Magnificent Pieces Of Armor And

From iron face masks to helmets made out of blowfish skin, discover some of the most

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Miguel Caballero sets a remarkable record, delivering 3,000 protective vests to Ecuadorian police in just 45 days.

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Ecuadorian Army receives 51 new David 4x4 and

The Ecuadorian Army received a total of 51 new armored vehicles, including 45 David 4x4

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Destiny 2 Destination Weapons & Armor: Updated Loot Pools

No one expected Monument of Triumph, Destiny 2's final update, to be this big. With hundreds of updated weapons

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Thermal biology of two tropical lizards from the Ecuadorian ...

This study aims to analyze the thermal biology and climatic vulnerability of two closely related lizard species

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Influence of the Rustic Bamboo Envelope Construction Technique on

These openings, often viewed as a construction defect, influence passive cooling systems. This study investigated the

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AMX-13 Light Tank

An add-on armor package can be installed or removed by the crew with on-board tools. The package is installed on the turret front

Dec 15, 2025

List of equipment of the Ecuadorian Armed Forces

This is a list of equipment of the Ecuadorian Army. Historically, the Ecuadorian Army depended on various

Dec 15, 2025

CCL X1 with 60 HVMS

The M3A1 Stuart in EcuadorThe X1An X1 For Ecuador?The 60 HVMS GunThe Theoretical X1 60 HVMS Design in DetailConclusionIllustrationsVery little is known about the X1 60 HVMS for Ecuador. According to sources, the negotiations for the conversion of an unknown amount of Ecuadorian M3A1 Stuarts were carried out at some point in the 1980s. In total, Ecuador had received 42 M3A1 Stuarts, but it is unlikely that all 42 vehicles were still in service, or even fit for refurbishment at ...See more on tanks-encyclopedia Missing: Thermal PassageMust include: Thermal PassageSherwin-Williams

Porch & Floor Enamel - Sherwin-Williams

Protect and enhance the appearance of wood and concrete floors with this dirt resistance, block resistance interior/exterior paint.

Dec 10, 2025

CCL X1 with 60 HVMS

The M3A1 Stuart in EcuadorThe X1An X1 For Ecuador?The 60 HVMS GunThe Theoretical X1 60 HVMS Design in DetailConclusionIllustrationsVery little is known about the X1 60 HVMS for Ecuador. According to sources, the negotiations for the conversion of an unknown amount of Ecuadorian M3A1 Stuarts were carried out at some point in the 1980s. In total, Ecuador had received 42 M3A1 Stuarts, but it is unlikely that all 42 vehicles were still in service, or even fit for refurbishment at ...See more on tanks-encyclopedia Missing: Thermal PassageMust include: Thermal PassageWikipedia

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Dec 20, 2025

Coat of arms of Ecuador

In the 1989 specifications issued to the Ecuadorian Military, the coat of arms has only eight colors that are

Nov 04, 2025

Atahualpa

Ecuadorian historians have conflicting opinions: According to Hugo Burgos Guevara, the fact that Topa

Jul 23, 2026

Thermal Assessment of Low-Cost Rural Housing—A Case Study in

The aim of this research is to assess the indoor thermal performance of rural dwellings in the Ecuadorian highlands

Feb 18, 2026

Post Disaster Technology | The Gundam Wiki | Fandom

This is list of technologies from the Post Disaster timeline featured in Mobile Suit Gundam IRON

Jan 22, 2026

Ecuadorian Army receives 51 new David 4x4 and Mbombe 6 6x6 armored vehicles

These vehicles, provided by the President of Ecuador, Daniel Noboa Azín,

Contact Us

For more information, pricing, or custom solutions, please contact us:

Website: <https://www.chromadecksigns-eastrand.co.za>

Email: sales@chromadecksigns-eastrand.co.za

Phone: +32 2 318 5792

Address: Avenue Louise 500, 1050 Brussels, Belgium

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