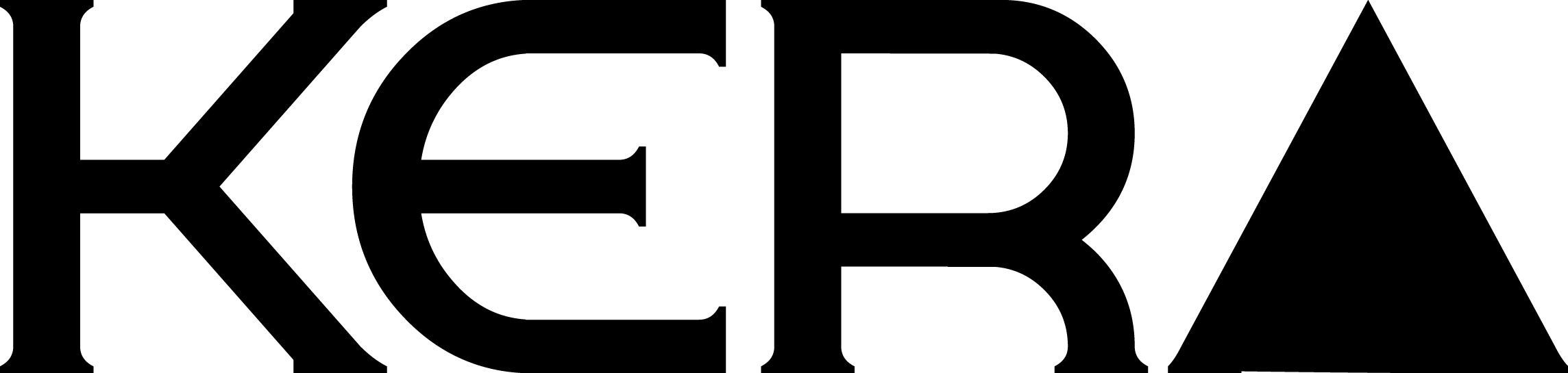
**CENTHA IV**



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**SUMMARY**

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# **DISCOVERY OF CENTHA IV**

The planet Centha IV was discovered by a robot during a space mission. The planet is located in the Giltini 69 solar system. It is a terrestrial planet that has been declared conducive to housing under certain conditions. It looks very much like earth in terms of properties but not in terms of look. I insist on this because the planet must not resemble the earth.

# **PROPERTIES**

## **PHYSICS**

**Type** : Large iron/silicate. The planet is composed mostly of iron and silicate.

**Radius**: 9492.79

**Surface area**: 1.13 x 109 kilometers 2

**Land area** : 3,51 x 108 kilometers 2

**Mass** : 1,94 x 1025 kilogrammes

**Density** : 5.41 g/cm3

**Composition**

* 44,3 % iron
* 30,8 oxygen
* 15,9 silicon
* 3,3 magnesium
* 4,1 yankar (This element does not exist. I imaginated it and you will understand his utility very soon)
* 1,6 others metals

## **GRAVIMETRY**

**Gravity**: 14.31 m/s2 (1,46 x earth’s gravity. Earth’s gravity = 9,807 m/s2). A bag of rice of 1 kilograms on earth will have 46 grams more on Centha IV if I do not say nonsense.

**Escape velocity** : 16.46 kilometers /secondes. It is necessary to have as speed 16.46 kilometers per second to escape the gravity of Centha IV.

## **ROTATION**

**Period** : 28,91 hours. It is the necessary time for Cantha IV to turn on itself.

**Axis Tilt** : 12.70 °.

## **HYDROSHPERE**

**Water** : 70 %. 56% of water is polluted with tribine. So you have to treat it before you can drink it

**Ice** : 45 %. But the ice is not created by the planet itself. But, it’s important to do it in order to balance the planet hydrosphere.

## **ATMOSPHERE**

**Type** : Toxic.

**Pressure** : 116.87 kPa

**Composition**

* 79,7 % sulfur dioxide
* 20,3 % carbon dioxid
* Other gases

## **CLIMAT**

**Type** : Hot

**Min Temperature** : -25 ° C

**Avg Temperature** : 2° C

**Max temperature** : 79° C

## **SPECIALS**

* Heavy volcanism
* Wreckage of many crashed starships
* The terraforming process is still ongoing.