

# Designer's Diary: Entry 1

FIND A SCI-FI FILM THAT FEATURES A COMPUTER INTERFACE

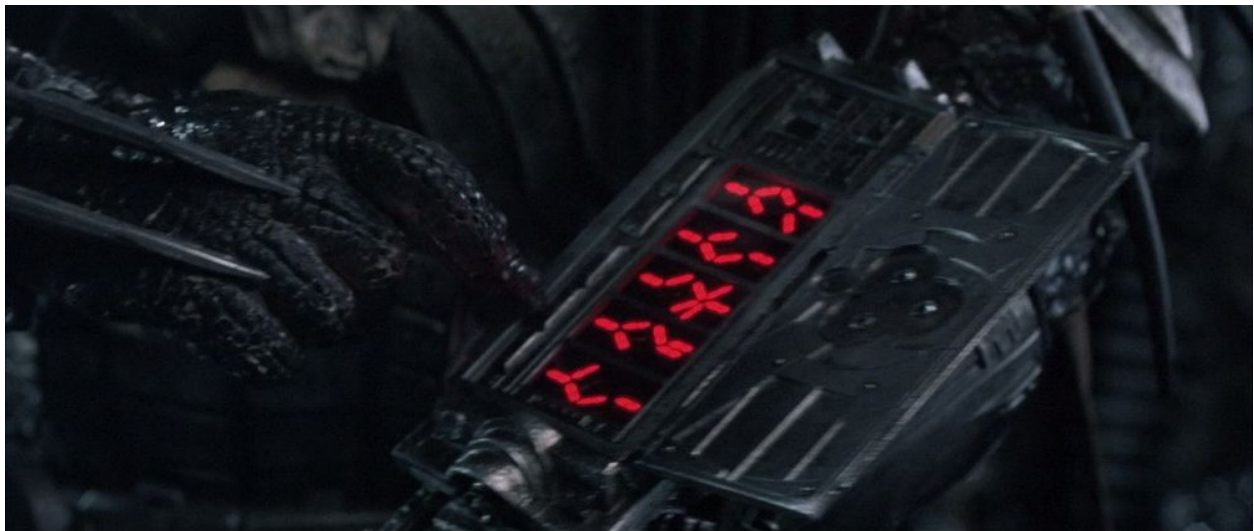
- GET A SCREENSHOT
- WHAT LESSON DO YOU THINK IT GIVES US?

## Name of the Movie:

Predator, Alien vs Predator, et al.

## Computer Interface:

The multi-purpose wrist gauntlet worn by Predators in many movies of the Alien vs Predator franchise.



*Fig: Wrist Gauntlet worn by Predators*

## Brief Description:

The device is a multi-purpose device that enhances the abilities of the Predator wearing it. In the movie Predator, when the humans realize that the Predators use thermal vision they decide to raid the cold storage unit where the Predator is hiding while wearing a full body insulated suit. This ensure that they do not show up in the thermal vision of the Predator. When the Predator is unable to 'see' the approaching humans using the thermal vision. It

uses the wrist gauntlet it is wearing to [switch to light-sensitive mode to detect the human movement using the light source mounted on their helmets](#). Additionally, the wrist gauntlet let's the predator perform many other functions including [initiating self-destruct sequence \(refer image above\) to commit an honorable suicide](#) while ensuring that their advanced technology also gets destroyed and does not fall into wrong hands.

## Lessons learnt:

There are a bunch of things that we can learn from the design of the gauntlet. Given below are some observations:

- It is always worn on the wrist thereby leaving both the hands free to perform other tasks.
- The Predator need not carry it in a pocket (or pouch) thereby increasing the risk of dropping, forgetting the device or it being stolen.
- The display of the device is akin to the 7-segment display used traditional display systems like calculators. Such display are highly durable and energy-efficient.
- The gauntlet features a touch display as well as physical buttons thereby making use of the best of both worlds.
- Some may argue against the size of the device. But, if we think about it, the device fits perfectly between the wrist and the elbow while ensuring that the movement of the wrist and at the elbow joint is not hampered.

## References:

[http://avp.wikia.com/wiki/Self-Destruct\\_Device](http://avp.wikia.com/wiki/Self-Destruct_Device)  
[https://en.wikipedia.org/wiki/Prepulse\\_inhibition](https://en.wikipedia.org/wiki/Prepulse_inhibition)