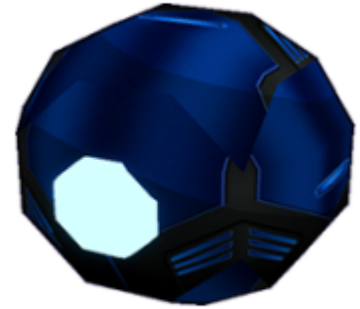


# Sayako's Telepresence Drones



Takeda Sayako uses customized [KAIMON/Ascendant Companion](#) drones for telepresence, using their sensors and tools and [solid volumetrics](#) to interact with her environment remotely.


When the [KAIMON/Ascendant Colleague](#) was released, Takeda Sayako developed a customized version of it for the [Companion](#) to dock with.

## History

In [YE 44](#), Sayako made First Contact with an alien species while Chief Science Officer aboard the [YSS Kōun](#). In order to keep her experiment running while her main body continued to be present aboard the [YSS Kōun](#), Sayako devised some modifications to the [KAIMON/Ascendant Companion](#) to make it more capable for telepresence. She then gave the aliens the data to recreate the drone with their replicators.

Towards the end of the year, Sayako created a customized model of the newly-released [KAIMON/Ascendant Colleague](#) to work in tandem with the other when a physical anthroform chassis might be advantageous.

## Description

 The drone is a customized [KAIMON/Ascendant Companion](#) that may dock into a customized [KAIMON/Ascendant Colleague](#), and externally, appears much the same. Typically, it projects the holographic appearance of [Sayako's](#) main body when interacting with others. Usually, the projection is translucent and insubstantial to save power and data bandwidth, but the drone is capable of a realistic, and even solid version.

## Modified Systems

Upgraded to be more capable for its new purpose, the telepresence drones have the following changes from the mass production models:

## Chassis

The armor of the [KAIMON/Ascendant Colleague](#) has been upgraded to heavier [Durandium Alloy](#) rather than polymer material, increasing the anthroform drone's [Damage Rating \(Version 3\)](#) tier to 2 (Medium Personnel), to match the [Companion](#). Additionally, its strength has been increased to be able to carry 300kg (660lbs) easily, like the [Consort](#).

## Power System

Retaining all of the power systems of the [Companion](#), or [Colleague](#), the tiny, ultralight [Kaminari Quantum Foam Generators](#) from the [Yoru no Tenshi 'Tenshi II' Light Mechanized Power Armor](#) was added to allow near-indefinite unsupported operations.

## Sensors and Electronics

The electronics inside the drones have been significantly upgraded, and many new sensors have been added. Since Sayako had upgraded her own sensors, she was accustomed to having the additional data as part of her sensory experience, so many of the additions include [those integrated into her main body as upgrades](#).

## KAIMON

The default [KAIMON](#) “Passage” system of the [Companion](#), along with its sensors and computational power, have been upgraded to the “Portal” system used for small starships. While Sayako is capable of monitoring and responding multiple data streams simultaneously in real time, the more capable computing resources allow it to run a simulation of Sayako's personality for times when the realtime connection is unavailable. Sayako resynchronizes and reconciles the drone's experiences and memory when the connection is reestablished.

The [KAIMON/Ascendant Colleague's Aperture](#) is assisted by the [Consort's](#) supplementary digital compute nodes.

## FARS Sensors

Accustomed to the FARS sensor suite, Sayako added these sensors to the drone as well:

- An embedded [EM-J5-E3600 - Control system](#) running a minimal version of the [EM-J5-E3601 - AI](#) serves as the interface between the [KAIMON](#) system and the [EM-J5 Flying Assistant Robot Series \(FARS\)](#) subsystems and accessories.
- [EM-J5-E3604 - Standard sensors](#) running parallel to the primary ones.

- [EM-J5-M3603 - Radiation detector](#)
- [EM-J5-M3604 - Biological detector](#)
- [EM-J5-M3605 - Chemical detector](#)
- [EM-J5-M3607 - Thermographic imaging](#)
- A [EM-J5-E3603 - Communications](#) is used as an auxiliary communications system.
- An embedded [EM-J5-E3600 - Control system](#) running a minimal version of the [EM-J5-E3601 - AI](#) serves as the interface between her [KAIMON](#) system and the [EM-J5 Flying Assistant Robot Series \(FARS\)](#) subsystems and accessories.
- The [EM-J5-P3600 - Grav Lift](#) is used as a backup and auxiliary/ancillary propulsion system.

### Additional Sensors

- The handheld version of the [SachiTech Tech-Scanner](#) has been built into the drone's sensor suite.
- An [Adverse Conditions Scanner](#) continually scans the drone's surroundings.
- The functional components of a handheld [Mineral Scanner](#) have also been incorporated.
- A personnel-sized [Universally Networked Scalar Array Field Emitter](#).

## Usage

These drones are customized from the mass-produced base models of the [Companion](#) and [Colleague](#) by [Takeda Sayako](#) herself. She provided the alien delegation with the data needed to replicate the drone so they can grant access to her without needing to transport her main body.

## OOO Notes

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