

## Front Camera: Xiaomi SU7 Teardown Report



Xiaomi SU7(from Web info)

<https://hu.motor1.com/news/703064/xiaomi-su7-onallo-parkolas-video/>



Overview of Front Camera



Inner View Front Camera

### Overview

Xiaomi, the Chinese electrical appliance maker announced its first battery electric vehicle (BEV) Xiaomi SU7 in March 2024.

The vehicle is equipped with two 8MP front-view cameras, four 3MP side cameras, four 3MP Panorama cameras, one 3MP rear camera, 12 ultrasonic radars, one millimeter-wave radar, LiDAR and ADAS ECU(Nvidia Drive-Orin-X). These are operated as ADAS system to support urban NOP(Navigation On Pilot), hands-off at highways, automatic parking, and "automatic summons" that automatically move from the parking position to the driver's position.

This is a teardown report of Front Camera installed in Xiaomi SU7 with grade Max.

### Product features

- This unit is a extremely small module as a front camera.  
It is assumed that the unit performs sensing only and outputs data using coaxial cables.
- Two SUMNNY sensor modules (30° and 120° viewing angles)

### Report Contents (17 pages)

- Product teardown, parts measurement (size & weight)
- Identification of key ICs on the PCB (including datasheet, if we found).
- Connection Diagram

### Report price

**Delivery one week after order placement**

**Please contact us for report pricing**

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