

Declaration of Conformity

IP65

IEC 60529:2013 / KS C IEC 60529:2013

Product Name: Fingerprint Scanner
Model Name: RealScan SG10, RSSG10
Test Report Number: OT-25O-RRD-004

IP65 Protection Rating Declaration (for Fingerprint Sensing Surface)

The IP65 rating is declared in accordance with IEC 60529:2013 and its subsequent amendments.

This classification defines the degree of protection provided by the fingerprint sensing surface and its surrounding enclosure against ingress of dust and water.

The fingerprint sensing surface and housing are designed and tested to meet the following protection levels:

- **Dust-tight (first characteristic numeral '6'):**

Complete protection against ingress of dust. No dust shall enter the fingerprint sensing area or its enclosure under specified test conditions (vacuum ≤ 2 kPa, test duration up to 8 hours).

- **Protected against water jets (second characteristic numeral '5'):**

Protection against low-pressure water jets projected from a 6.3 mm nozzle at 12.5 L/min ± 5 %, from any direction at a distance of 2.5–3 m for at least 3 minutes.

The fingerprint sensing surface and enclosure shall not allow water ingress that affects functionality or safety. Compliance with IP65 ensures that the fingerprint sensing surface is completely protected from dust and resistant to water jets, maintaining reliable image capture and electrical safety under such conditions.

The undersigned is an authorized representative of the Company.



Steve Yun
President