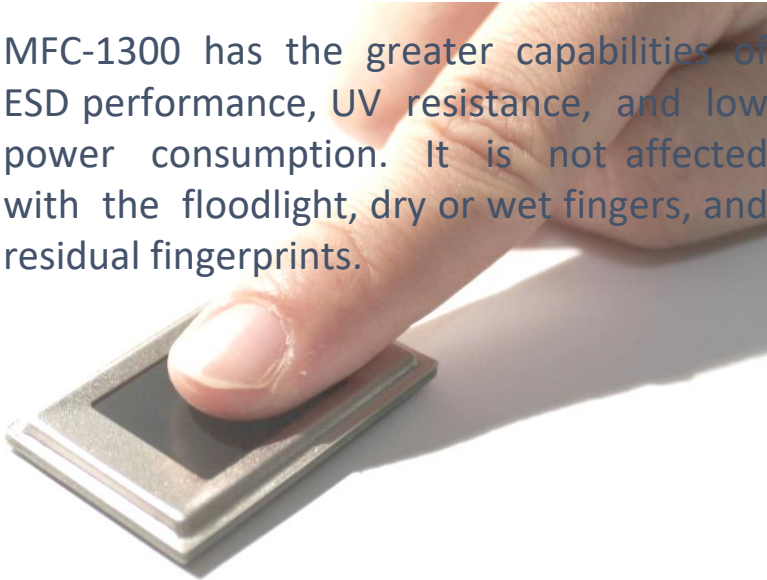


# FAP20 Fingerprint Sensor

## [ MFC-1300 DESCRIPTION ]

MFC-1300 400\*500 pixel fingerprint sensor with FAP 20 certificated has a lot of incredible features, especially the feature of the transparent sensing panel, which can be used in different kinds of scenarios. It can show the logo, message, or anything you want without additional display, and fulfills the interaction with the end users.

MFC-1300 has the greater capabilities of ESD performance, UV resistance, and low power consumption. It is not affected with the floodlight, dry or wet fingers, and residual fingerprints.



## [FEATURES]

- 400x500 Pixels
- 500 dpi Resolution
- High ESD Tolerance
- RoHS Compliant
- Low-Halogen
- Low Power Consumption
- 200 cycle RCA
- 7H Pencil Hardness
- 5B Cross Cut
- PIV Certification

## [SPECIFICATIONS]

| Item                                      | Value                |
|---|----------------------|
| Sensing Area                              | 15.24 mm x 20.32 mm  |
| Module Size                               | 26 mm x 38.5mm x 5mm |
| Supply voltage = 3.3V With 10% Variations | 3.0V ~ 3.6V          |
| Module Total Supply Current               | 25 mA                |
| Module Standby Current                    | 65 uA                |
| Module Sleep Current                      | 55 uA                |
| Operating temperature                     | -20 °C to +70 °C     |
| Storage Temperature:                      | -40 °C to +85 °C     |
| ESD Tolerance                             | ±15kV                |
| FPS                                       | 11.3/sec             |