ONYX® SPECIFICATION SHEET

The most widely deployable mobile fingerprint biometrics system available.

Image Output:

ONYX can output imagery in the following formats: Processed with or without thresholding or enhanced image, ISO or proprietary template, or WSQ of the processed image.

PPI:

Images are collected at devices' full native resolution typically in excess of ~1000 – 2000 ppi then scaled to ~500ppi.

Operating Range:

4 – 6 inches (10-15cm)

Processing Time:

1 – 3 sec for image capture, .3 – .5 for image processing and 1 – 5 seconds for NFIQ score determination. Processing speeds can vary greatly depending on device processor and memory capacity.

On-Device Matching Modes:

1:1 and 1:N up to 50,000 records.

Minimum Camera Requirements:

3MP, auto-focus, LED flash

Camera Controls:

Manual & auto-capture; manual & auto-LED control.

OS Compatibilities:

iOS, Android (native and Cordova, NativeScript, or Flutter plugins)