



DIAMOND FORTRESS
TECHNOLOGIES

855-785-8646
www.diamondfortress.com
team@diamondfortress.com



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 plugin or NativeScript Plugin)

