



**SINGLE FINGER  
CAPTURE SOLUTION**



The new standard in commercial biometric applications



High performance Light Emitting Sensor (LES) film technology provides the highest quality imagery in all environments



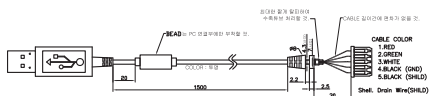
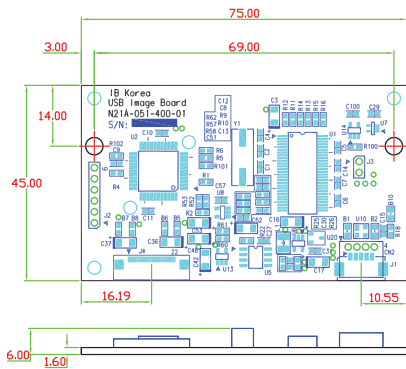
Lightweight and low power consumption for biometric verification in all applications.

## BENEFITS

- No licensing fees
- Robust SDK support for common Operating Systems
- Low power consumption
- Minimal maintenance requirements
- Extremely durable; no prisms or silicon pads
- Operates in all conditions including direct sunlight
- SDK software matching 1:30,000 in less than 1 second
- WSQ compression for high quality and interoperability
- IP65 dirt and moisture resistance

## AVAILABLE VERSIONS

PRODUCT	PART NUMBER
• <b>Curve</b> Standalone Version	IBHFS0650-03AO
• <b>eCurve</b> OEM Version	IBHLMU500-03A



## SPECIFICATIONS

IMAGE RESOLUTION	500 DPI
CAPTURE AREA	15mm x 18mm
IMAGE SIZE	288 x 352 pixels
IMAGE QUALITY	
SCORING METHOD	NFIQ
IMAGE PROCESSING / MATCHING ALGORITHMS	IB developed and supported – no third party technologies
IMAGE COMPRESSION	WSQ
USB DRIVERS	Microsoft certified
HOUSING DIMENSIONS	70mm (ø) x 33mm
WEIGHT	0.2 kg
INTERFACE	USB 1.1 and USB 2.0
FINGER ROTATION FLEXIBILITY	+/- 30 degrees
MULTI-COLOR LEDS	Green / Red / Blue
OPERATING TEMPERATURE	-10°C to 50°C
STORAGE TEMPERATURE	-30°C to 80°C
POWER SUPPLY VOLTAGE	4.5 - 5.5v
IDLE STATE CURRENT	100mA maximum
CAPTURE STATE CURRENT	110mA maximum
USB CABLE LENGTH	1.5 meter
POWER-UP INITIALIZATION	210 ms
MATCHING SPEED	1:30,000 in 1 second
ACTIVE X AND .NET CONTROL	Included
FAR / FRR (ADJUSTABLE)	0.00071% / 0.00819% (default setting)
MINIMUM CURRENT	No power draw when sensor is off
TYPE	Light Emitting Sensor (LES) electroluminescent film
LIVE FINGER SENSING	Intrinsic to LES image generation technology

