



**SINGLE FINGER
CAPTURE SOLUTION**



eCurve



- 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 silicone 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
• Curve Standalone Version	IBHFS0650-03AO
• eCurve OEM Version	IBHLMU500-03A

SPECIFICATIONS

IMAGE RESOLUTION	500 DPI
CAPTURE AREA	15mm x 18mm / .56" x .70"
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 / 2.75" x 1.30"
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 / 4.92 ft
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

