



SINGLE FINGER CAPTURE SOLUTION



The new standard in commercial biometric applications



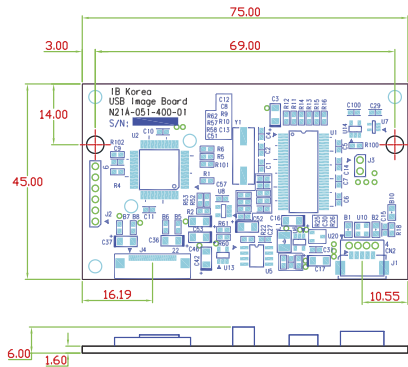
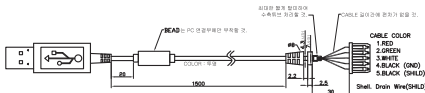
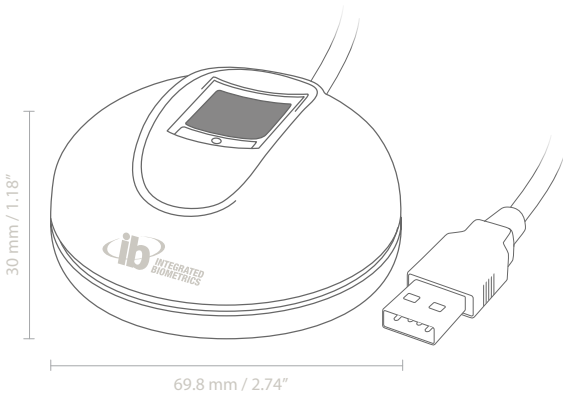
High performance Light Emitting Sensor (LES) film technology provides the highest quality imagery in all environments



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



INTERFACE	USB 1.1 and USB 2.0	CAPTURE AREA	15mm x 18mm
HOUSING DIMENSIONS	70mm (ø) x 33mm	WEIGHT	0.2 kg
IMAGE RESOLUTION	500 DPI	IMAGE SIZE	288 x 352 pixels
FINGER ROTATION FLEXIBILITY	+/- 30 degrees	MULTI-COLOR LEDES	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)
IMAGE COMPRESSION	WSQ	USB DRIVERS	Microsoft certified
PART NUMBER	IBHLMU500-03A	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

IMAGE QUALITY SCORING METHOD NFIQ

IMAGE PROCESSING / MATCHING ALGORITHMS IB developed and supported – no third party technologies

