
Lumidigm® M-Series Fingerprint Sensors

Brand: Smartjac Industries Inc
Product Code: SMAH100117



Short Description

Fast and Reliable Biometric Authentication Solution.

Description

Overview

Lumidigm® M-Series Fingerprint Sensors

Lumidigm M-Series fingerprint sensors offer a fast and reliable biometric authentication solution that will exceed your expectations with the proven Lumidigm Advantage™. Securely authenticate a user and enable your identity and access management solution with a simple tap of a finger.

Renowned Technology

Close that frustrating performance gap and make security simple — without compromising on convenience. Lumidigm's patented multispectral imaging technology is up to 20% more reliable than conventional biometric authentication technology because it leverages rich fingerprint data that lies beneath the skin. It works on everyone, everywhere.

Fast and Reliable

No fingerprint sensor provides the speed and reliability available from the Lumidigm M-Series. A good biometric authentication solution makes life simpler, and the M-Series exceeds that challenge. Convenient, lightning-fast and easy to use, the M-Series fingerprint sensors authenticate on the first try, no matter who you are or what the

weather is doing. The M-Series facilitates workflow and finally makes biometric authentication a practical reality.

Built for Business

Protect your bottom line. The M-Series fingerprint sensors extend the Lumidigm Advantage to your value-conscious enterprise while providing the durability and performance that you require. Enjoy all the benefits of multispectral imaging at a price that delivers a compelling return on investment.

What is the Lumidigm Advantage? Quite simply, our patented multispectral imaging approach is the best there is. Lumidigm technology was developed specifically to address the shortcomings that have plagued the biometric authentication industry. Let Lumidigm exceed your expectations of what biometrics can do to increase both security and user convenience.

Technology Advantage

Patented **multispectral imaging** is the most secure, convenient and reliable fingerprint authentication technology on the market today. Only available in Lumidigm® products and solutions, multispectral imaging can enroll and verify everyone, every time, in any environmental condition.

Lumidigm® multispectral imaging is a sophisticated technology specifically developed to overcome the fingerprint capture problems found with conventional imaging systems. This more-effective technology is based on the use of multiple spectrums of light and advanced optical techniques to extract unique fingerprint characteristics from both the surface and subsurface of the skin. That subsurface capability is important because the fingerprint ridges seen on the surface of the finger have their foundation beneath the surface of the skin, in the capillary beds and other sub-dermal structures.

This enhanced data capture mitigates traditional system vulnerabilities to common environmental and demographic conditions:

Dry conditions — Dry fingertips are common, caused by anything from climate conditions or natural skin characteristics to frequent hand-washing or air travel. Multispectral imaging technology captures high-quality images even when fingers are dry.

Wet conditions — Moisture is a fairly common real world condition. Some environments are naturally damp, due to climate (London) or setting (a spa). Some people have moist hands. Multispectral imaging technology captures high-quality images even in wet conditions.

Diverse demographics — Biometrics work because people are unique — and yet diverse user populations are difficult for many fingerprint biometrics systems to handle. Multispectral imaging can authenticate anyone, no matter what their age, ethnicity, job or lifestyle.

Rugged conditions — People don't have time to wash and lotion their hands when they use a fingerprint sensor. And yet other technologies require just that to meet performance requirements. Multispectral sensors take people as they are — at the office, construction site, or agricultural field.

With multispectral imaging, these problems are solved. In major large-scale programs, pilot tests, field trials and evaluations, Lumidigm® multispectral imaging technology has proven to be the best technology in the biometrics industry.