Dual Iris Biometric Capture Camera

Designed for High Speed Enrollment Systems

The VistaEY2H is a high performance handheld biometric peripheral camera for rapid image acquisition of each iris, simultaneously. VistaEY2H utilizes state-of-the-art digital imaging technology, including LiveEye Anti-Spoof detection software to guarantee iris capture from living targets only, delivering a high level of reliability and security. VistaEY2H's dual iris capture technology features a top-of-the-line, high resolution CMOS sensor for ISO/IEC 19794-6-compliant Video Graphics Array (VGA) images with high quality custom optics and multi-wavelength IR illumination.

In addition to image quality, VistaEY2H is equipped with multiple features that enhance operational efficiency and decrease operational costs. Features include an integrated visor which facilitates the correct distance and positioning to the camera for easy self-alignment and rapid enrollment while also reducing ambient light interference. VistaEY2H also includes tri-color RGB LED indicators that provide unique auto-acquisition capabilities. In addition, VistaEY2H features a microphone and speaker with USB input/output audio capabilities to enhance operational feedback, provide audio instructions, and to voice record a target when applicable.

VistaEY2H is a safe, ROHS compliant biometric product that meets international Eye Safety Requirements. Altogether, its cutting-edge digital imaging technology and image acquisition features provide a user-friendly, reliable and fast-acting iris imaging solution with impeccably clear images in nearly all lighting conditions. The VistaEY2H can be handheld or tripod mounted, and it can be combined with any of Corvus Integration's biometric enrollment stations utilizing Corvus' Raven software for an all-in-one mobile biometric enrollment solution. For optimal security and reliability, the biometric data can be intelligently stored on a CardLogix M.O.S.T.® smart card for use in multi-factor authentication and identity verification applications.

Features

- Vista Imaging's powerful and proven ViCAM®III Digital Imaging Engine
- ISO/IEC 19794-6 and VGA compliant images
- LiveEye Anti-Spoof Detection to verify presence of living organic tissue
- Multimodal operating system support
- Multi-wavelength IR illumination
- Tri-color RGB LED indicators for easy, auto-acquisition
- Meets International Eye Safety Requirements
- Integrated visor for reliable and accurate images
- High resolution optics and image sensor
- Integrated microphone and speaker with USB input/output audio capabilities
- Full-featured and proven SDK for quick and easy integration with custom applications
- Compact and lightweight for easy mobility
- Easy mounting to tripods with integrated tripod mount
- Supported by Corvus' Raven software
- idblox® certified

For more information, contact your CardLogix Sales Representative.

RoHS COMPLIANT · Pb Pb-Free · CORVUS · VISTA IMAGING INCORPORATED · idblox · Windows

7200105

Identity

TECHNICAL DATA

INTERFACE	Standard USB 2.0
POWER	Supplied via USB (5V @ 500ma)
OPERATING TEMPERATURE	0 °C to +50 °C
STORAGE TEMPERATURE	-10 °C to +65 °C
HUMIDITY	10-90% non-condensing.
DIMENSIONS	235 x 152 x 50.8mm (9.25" by 6.0" by 2.0")
WEIGHT	0.4 kg (14 oz.)
WINDOWS SIGNED DRIVERS	Microsoft's WinLogo Certified Device Drivers
SUPPORTED OPERATING SYSTEMS	Windows 7, CE, XP & Vista, and future Linux & Android OS support
USAGE	Handheld or Tripod feature
IRIS CAPTURE	Auto Dual Iris Capture
RESOLUTION	2560x1920, producing two VGA, 640 x 480 resolution, L/R Iris Images ISO/IEC 19794-6 compliant
ILLUMINATION	Dual band NIR, meets international eye safety requirements
AUDIO FEATURES	USB Audio Class 16Khz at 16bit speaker & microphone
POSITIONING ALIGNMENT	Integrated visor to maintain consistent alignment
COMPLIANCE	FCC, CE, IEC60825-1, RoHS, idblox®
SUPPORTED SOFTWARE PLATFORMS	Raven by Corvus Integration idblox® compatible

Applications

- Government & Industry Biometric Identity Enrollment & Verification Systems
- Customs & Visa Biometric Systems
- Portable & Desktop Biometrics Systems
- Stationary & Portable Biometric Kiosks
- Border control
- Financial & banking security
- Law enforcement
- Financial & Banking security
- Healthcare Identity

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