Corvus FaceCube™
Auto-focus 5 MP USB Camera

Features

- **Sensor**
  - 1/4" CMOS
- **Lens**
  - Auto Focus HD Lens (30 degree)
- **Video format**
  - MPEG
  - YUY2 (optional)
- **Auto exposure/Auto white balance**
  - AEB Support
- **Video Performance**
  - 2592 (H) x 1944 (V) pixels MPEG 15fps
  - 2048 (H) x 1536 (V) pixels MPEG 15fps
  - 1600 (H) x 1200 (V) pixels MPEG 15fps
  - 1920 (H) x 1080 (V) pixels MPEG 15fps
  - 1280 (H) x 1024 (V) pixels MPEG 15fps
  - 1280 (H) x 720 (V) pixels MPEG 30fps
  - 1024 (H) x 768 (V) pixels MPEG 30fps
  - 800 (H) x 600 (V) pixels MPEG 30fps
  - 640 (H) x 480 (V) pixels MPEG 30fps
  - 320 (H) x 240 (V) pixels MPEG 30fps
- **Adjustable parameters**
  - Brightness
  - Contrast
  - Color saturation
  - Definition/Gamma
- **Power Requirement**
  - DC 5V/current (USB2)
  - 150mA w/o illuminators,
  - 500mA with illuminators (coming soon)
- **Working temperature** (-20c~70c)
- **Size: 1.6"x1.6"x1.7"** (40mmx40mmx43mm)
- **Weight:** 2 oz.
- **Operating Systems Supported**
  - Windows, 7, 8
  - Linux with UVC,
  - Mac-OS X 10.4.8 or later
  - Android 4.0 or above
- **USB 2.0**
  - Single Interface for Power and Data
- **Standard Tripod Mounting Connection**

Overview

The Corvus FaceCube™ auto-focus camera combines the simplicity of a webcam with the functionality of an industrial camera supporting a wide array of imaging applications. The FaceCube™ can easily be integrated thanks to its USB 2.0 interface. Equipped with a 5 Megapixel CMOS sensor, the camera delivers excellent image and video quality and accuracy in color reproduction. Integrated LED lighting supports image capture in the harshest ambient light conditions. The camera is the ideal choice for identity applications that require a small yet functional camera with a great range of features. Due to its lightweight, compact design, 15 fps at full resolution (2592x1944 pixels), and ability to power off the USB 2.0 connection, the FaceCube™ is perfect for standalone enrollment systems, kiosks, and embedded identity solutions.

Supporting ISO compliant face image capture, the FaceCube™ quickly enables solutions needing Facial Recognition capabilities and ISO/IEC 19794-5 Face compliant images for passports, Visas, National Identity programs, and Identity Cards.