



**DSX Access Systems, Inc.**

## **Badging CamKit**



- **USB Badging Camera**
- **Still Image Capture from Streaming Video**
- **USB 2.0 Connected / Powered**
- **CMOS 1/3" Megapixel**
- **TWAIN Compliant DirectX and DirectShow**
- **Windows XP, Vista, and 7**

## **Badging Camkit**

### **Environmental Specifications (Internal):**

Operating Temperature -15o C ~ 55o C(5o F ~ 131o F)  
Operating Humidity 20% up to 93%RH  
Storage Temperature -25o C ~ + 70oC(-13o F ~ 158o F)  
Storage Humidity Up to 98%RH  
Lifetime MTBF > 150000

### **Mechanical:**

Dimensions W x H x D 50mm x 50mm x 49.6mm  
(without lens mount) (1.97" x 1.97" x 1.95")  
Cable Integrated 8.2 ft USB cable

### **Complete with:**

Camera, Lens, TriPod

### **Electrical Specifications:**

Sensor 1/3" CMOS  
Viewer Display 1280 x 1024 max  
Max Frame Rates  
(Uncompressed)  
7.5 fps @ SXGA (1280 x 1024)  
12fps @ XGA (1024 x 768)  
25fps @ VGA (640 x 480)  
Sensitivity < 2.0 Lux (50 IRE) F1.2, 3200K,  
lens transmission 80%, scene reflection 75%  
Signal to Noise Ratio >45 dB (AGC off)  
Gamma 0.45 default (1.0 via software)  
Gain Control Automatic 36 dB (AGC default) or  
Fixed options via software  
Scan Mode Progressive scan  
Mirror Mode Yes (horizontal/vertical)  
Shutter Mode Rolling shutter  
Control Communication Camera control via USB bus  
Synchronization Internal  
Back Light Compensation Default on  
White Balance Mode AWB auto white mode,  
Fixed modes selectable via software  
Contour Enhancement Default on  
Iris Control Electronic shutter  
Shutter Speeds Automatic  
Fixed (NTSC) 1/12 to 1/100  
Fixed (PAL) 1/15 to 1/120  
Video Output USB 2.0  
Power Supply 5VDC via USB 2.0 bus  
Power Consumption < 0.6W