

# PIXCI® EB1TG

PCI Express x1 Base Camera Link Test Generator



## Features

- PCIe x1 low-profile desktop test pattern generator
- Operates in any PCI Express slot
- One 26-pin MDR Camera Link connector

## Test Patterns

- Generates Base Camera Link test pattern data output
- Generates monochrome or Bayer color data
- Generates area scan data

## Options

- Standard or low-profile bracket available

## Specifications

- 12 volts @ 90 mA, 3.3 volts @ 120 mA
- 8.38 cm long, 6.88 cm high, 3.30" long by 2.71" high
- 48 grams, 1.7 ounces
- 0 to 70 degrees Celsius operation
- CE, FCC, ROHS Compliant
- Generates a camera link pixel clock from 20 to 85 MHz
- Made in U.S.A.

## Software

- XCAP-Lite test pattern control program included with test generator purchase
- Windows & Linux, 32 & 64-bit



optional removal of 9-pin connector

## SPECIFICATIONS

### SIGNAL INPUT & OUTPUT:

EIA RS-644 (LVDS) Drivers & Receivers  
Generates a camera link pixel clock from 20 to 85 MHz

### PERFORMANCE:

Camera Link data configuration: 8bit 1tap, 8bit 2tap, 10bit 1tap, 10bit 2tap, 12bit 1tap, 12bit 2tap, 14bit 1 tap, 16bit 1 tap.

Test patterns: Moving Ramp, Static Ramp, Bayer (2-tap) Ramp

Adjustable horizontal and vertical blanking period

Adjustable horizontal and vertical resolution

DVAL configurable to either copy of FVAL or always high

### CONNECTIONS:

One 26-pin 3M MDR Camera Link connector  
Camera Link cables available.

### BUS REQUIREMENTS:

PCI Express x1 slot.

Operates in PCI Express x16, x8, x4, or x1 slot.

### DIMENSIONS:

8.38 cm long by 6.88 cm high  
(3.30" long x 2.71" high)

### CERTIFICATIONS:

CE Compliant

ROHS Compliant

### EPIX SOFTWARE Support:

[XCAP](#)-Lite test pattern control program included with test generator purchase

Compatible with 32-bit & 64-bit Windows 10, 8, 7, Vista, XP, 2000, LINUX, and 32-bit DOS.