



High-Speed Monochrome Imaging With  
Power over Camera Link Technology



# CLEVERDRAGON

## ■ ■ ■ Key Features

**POWER OVER CAMERA LINK:** Toshiba Teli CleverDragon™ cameras feature new Power Over Camera Link (PoCL) that allows the power supply, high-speed image transfer and camera control all to be integrated on a single cable, saving space, time and money.

**ULTRA-COMPACT CAMERA BODY:** Measuring only 29mm (W) x 29mm (H) x 26.5mm (D), CleverDragon cameras free up the user from integration space issues, while providing superior shock- and vibration-resistance for demanding industrial environments.

**ALL-PIXEL-DATA-READOUT:** Amazingly accurate, the CleverDragon CCD reads out image data in 1/90 second (VGA Model: CSCV90BC3) or in 1/30 second (XGA Model: CSCX30BC3).

**FULL FRAME SHUTTER:** The CleverDragon frame shutter reads out all data even under Random Trigger Shutter mode.

**VERSATILE DESIGN:** CleverDragon cameras are ideal for a wide range of industrial imaging and machine vision applications requiring high-speed, detailed B/W images from a compact, lightweight Camera Link camera.

## SPECIFICATIONS

MODEL	CSCV90BC3	CSCX30BC3
Resolution	VGA 640(H) x 480(V)	XGA 1024(H) x 768(V)
Frame Rate	90fps	30fps
CCD Type	1/3" monochrome	1/3" monochrome
All Pixel Readout	Yes	Yes
Full Frame Shutter	Yes	Yes
Cell Size	7.4µm x 7.4µm	4.65µm x 4.65µm
Interface	Camera Link	Camera Link
Power over Camera Link	Yes	Yes
Power Supply	DC12V	DC12V
Lens Mount	C Mount	C Mount
Dimensions	29mmx29mmx26.5mm	29mmx29mmx26.5mm



### Typical Applications

Video image capture applications for the CleverDragon cameras include high-speed machine vision, factory automation, robotics, inspection, scientific and many others.



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