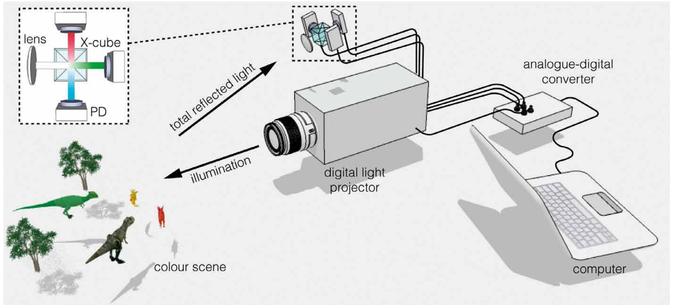
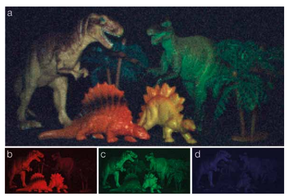
Dancing Rotating Musical Lighting Robot Toy
Manufactured by AndAlso, China, 2013
Purchased at a toy store in Beijing



Talking Army Infantryman
Manufactured by HM Armed Forces, UK, 2013
Purchased via Amazon.com

Laboratory Equipment and Apparatus (II)

The Glasgow Optics Group is developing imaging techniques to capture shape, colour, pattern, and even motion using single-pixel detectors combined with computer processing power. In their research they use children's toys as test objects. A Rubik's cube has a simple, easily recognisable colour, size and shape, making it an ideal test object for the calibration of instruments and the replication of experiments. The scales and textures of toy dinosaurs help illustrate the resolution power of the prototype cameras. A spinning robot presents a future challenge to develop a single-pixel video camera. The camouflaged toy soldier is useful for illustrating future potential commercial or military applications of the single-pixel cameras, like night vision.



Toy dinosaurs and trees
Manufacturer unknown, 2013
Purchased at the Kelvingrove Art Gallery and Museum shop

Polystyrene Display Male Head
Manufacturer unknown, 2012
Purchased via eBay.co.uk
This polystyrene head has been used as a test object in the development of single-pixel infrared cameras. 3-D computed images of this head appear in Science,
vol 340, 17 May 2013

Colourful Cube Puzzle
Manufactured by Rubik's Brand Ltd, Hungary, 2013
Purchased at Hamleys, Glasgow