

3D Mapping
Case Study





4 Titan Projectors for 3D Architectural Mapping

Overview: Singapore Urban Redevelopment Board's City Gallery

First opened on 27 January 1999, Singapore City Gallery is the only gallery in Singapore that tells the story of the nation's planning efforts, showing its remarkable physical transformation – past, present and future. ^[1]

The Singapore City Gallery houses one of the world's largest architectural models that shows a birds eye view of Singapore's Central Area (Central Business District). Every hour, the large centerpiece model is illuminated with an impressive light and sound show

Projector Requirements

In a well lit environment, the projectors had to have a

- high brightness output
- the ability to be mounted in the ceiling
- advanced warp and blend functionality to accurately map onto the intricate models of Singapore's Central Area.
- Calibrated Colour & P7 Colour Matching to ensure consistency.

Local sales and support was also essential in this high-profile installation, and this was provided by Digital Projection's Asia office.

Why Digital Projection were chosen

Digital Projection has a long history of providing Digital Projectors for some of the most high-profile events in the world.

The Titan range was chosen for this installation as it is a proven projector with the versatility for a wide range of installations.



Above: 4 Titan Projectors utilising the built in Warp and Blend functionality to accurately project onto an expansive 3D model of Singapore

The Titan Range >> Titan Super Quad | Titan Quad | Titan 800 | Titan 660 | Titan 330

Key Features of Titan range

- Small, Light, Bright and Quiet chassis. 3,000 - 20,000 Lumens
- SX+, 1080p and WUXGA Resolutions
- Long life, power efficient UHP Lamps
- Built in Warp & Edge Blend
- Inputs include DVI, HDMI 1.4, 3G-SDI
- Factory Calibrated Colour with enhanced 7 Point (P7) Colour System
- Precision Engineered, strong and durable
- Active 3D, 120Hz



DIGITAL PROJECTION, LTD GREENSIDE WAY, MIDDLETON MANCHESTER, UK. M24 1XX • T: +44.161.947.3300 • F: +44.161.684.7674

www.digitalprojection.co.uk

Digital Projection has offices in: > Manchester, UK > Stuttgart, Germany > Paris, France > Atlanta, GA USA > Beijing, China > Singapore > Delhi, India

^[1] Information cited from <http://www.singaporecitygallery.sg>