Nanotech’s customizable KolourDepth™ feature is easy to trigger and intuitive to authenticate. The combination of nano-scale origination, proprietary algorithms, and specialized manufacturing techniques result in a durable feature that is virtually impossible to reproduce or reverse engineer.

Based on Nanotech’s KolourOptik® nanographic display technology, the KolourDepth security feature represents a new paradigm in currency authentication, offering visual effects on banknotes that include 3D, depth, colour, and motion.
TRUE DEPTH AND COLOUR

Rich, vibrant images float above and below the surface of a banknote.

THREE-DIMENSIONAL MOVEMENT

Omni-directional parallax effects can be designed to move intuitively or counter-intuitively as desired.

ULTRA DETAILED

Ultra-high resolution microtext and other detailed visual elements provide multi-level security and design options.

EXTREMELY THIN AND DURABLE

The inherent strength and integrity of nano-scale structures guarantee a highly durable feature with a form factor under 5 microns.

VISUAL DESIGN FEATURES:

3D Movement ✓
Full Parallax ✓
Multiple Colour Images ✓
Unique Plasmonic Colour Palette ✓

SECURITY OPTIONS:

Microtext ✓
Nanotext ✓
Nano-imagery ✓
Machine Readability ✓
Overprinting ✓