



Alphagram™

EXCEPTIONAL CONTRASTING AND LIGHTING EFFECTS

A customizable cutting edge DOVID



The essential security feature

Based on innovative processes, Alphagram™ provides numerous high-resolution diffractive and structured effects with vibrant and animated designs. These effects are checked by the means of a very intuitive check including up and down tilt.

This premium feature ensures authorities to be one-step ahead of counterfeiters, by incorporating state-of-the art security features, paving the way to the new generations of banknotes.

Its association with dedicated eye-catching effects and unique technology creates a unique security level, that minimizes the risk of fraud attempt.

Striving for excellence, Alphagram™ is available in both stripe and patch form factor for both paper & polymer substrates.

- High-resolution diffractive and structured effects with animated designs
- Intuitive verification using up-and-down tilt
- Premium security feature to stay ahead of counterfeiters
- Eye-catching visual effects integrated with advanced technology
- Available as stripe or patch
- Compatible with paper and polymer substrate

KEY FEATURES

3 LEVELS OF AUTHENTICATION

Pixel free technology.
Exceptional lighting effects.
Polarised background.
Micro and nano features.

DESIGN

Endless design possibilities.
Wide variety of optical effects.

VERSATILITY

Compatible with other technological bricks, paper & polymer.

1st Level authentication



3D objects

Relief effect on the portrait.
High resolution realistic three-dimensional effect with a feeling of changing depth
And movement depending of the viewer angle.



White matt

The white matt area is always visible from any angle.



Dual wave

The iridescent animation and the white animations appear consecutively under a wide angle vertical tilt.



Wide angle iridescent animation

When the hologram is up and down tilted high diffractive colored are animated.



Achromatic switch

When the hologram is tilted left/right, the achromatic statue switch positive to negative alternatively.



2nd Level authentication



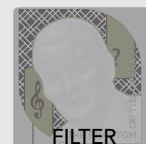
Polarization effect

When the filter is 90° rotated, the contrast between musical signs and their background are inverted.

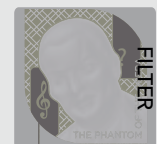


Micro-text

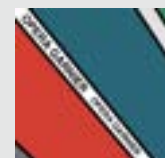
High diffractive micro-lettering, readable with a magnifier (x10).
The height of the micro-texts varies from 75µm to 150µm.



0°



90°



3rd Level authentication



Nano-text

Visible with a x100 microscope.

