

Description of New and Familiar Features

Hologram with Intaglio Overprint

The \$100 banknote has a hologram in the shape of a toucan, which now has the increased security of an "intaglio overprint" in the shape of a periwinkle flower.

A hologram is a flat optical image, which looks three-dimensional when viewed with the naked eye. It carries many small images of the toucan and the numeral 100 within it, which can be seen in many colours when viewed at different angles. The hologram makes deceptive reproductions difficult to generate.

The addition of a raised intaglio applied on top of the hologram adds a further dimension to the protection of the note by creating more work for the would be counterfeiter.



Watermark with Electrotpe

Each denomination now has a denominational electrotpe incorporated into the banknote paper. The value of each denomination is in letters under the watermark and can be seen when held up to the light. If the genuine paper is chemically washed and the image of a higher denomination is printed on it, the correct value of the banknote that is embedded in the paper, will still be visible.

The cylinder-mould paper making process is capable of

producing a watermark exhibiting three levels of tone: areas darker, lighter and of similar tone to the base paper.



The security in this type of watermark lies in the fact that the watermark is formed as the paper is manufactured providing in-built security.

As in the 1998 upgraded family, the watermark image on the \$100 is the "Jaguar" while the watermark image on the \$20 is the "Sleeping Giant".

Wider Windowed Security Thread

For added security we have widened the thread from 1.4mm to 1.5mm. When viewed under ultra violet light it will glow blue.

This thread comes to the surface at regular intervals so that its metallic sheen may be seen, the complete thread is only visible when viewed against the light.

When viewed against the light, text can also be read in the thread of the banknotes. Thread in a genuine \$100 and \$20 banknote will read **BELIZE** followed by **BELIZE** (inverted).

The process also produces a distinctive watermark made up of a series of bars on both sides of the thread.

These characteristics are not readily reproduced on counterfeits produced by photocopiers and electronic scanners.



Intaglio

The intaglio printing process is particular to the security print. It gives a banknote its characteristic 'feel' by depositing on the paper a layer of ink of variable thickness while simultaneously embossing the paper surface. The nature of this process allows it to print extremely fine detail and subtle nuances of colour which are very difficult to achieve by commercial printing processes.

Counterfeit documents printed using conventional printing methods will lack the tactility, fine detail and tonality of the intaglio original.



Novel Numbering

Novel numbering boxes have progressively larger digits in adjacent positions. Printed in black on the right hand side of the front of the note, they serve to multiply the number of stages that the counterfeiter has to employ in order to produce a deceptive counterfeit, thereby introducing greater probabilities of detectable errors.



See-through Feature

This feature consists of specific design elements printed in precise register on both sides of the note. When the document is held up to the light, the parts of the design printed on the back will fit exactly within the unprinted areas on the front to produce the complete design.

The see-through features, a different motif for each denomination, are all located near to the watermark (above the large value numeral) so these two features can easily be checked together when viewed against the light.



Central Bank of Belize

The Central Bank of Belize is pleased to inform the public of a modified issue of the \$20 & \$100 banknotes.
2003

Increased Security
for your money
- key security features

Hologram with Intaglio Overprint

Watermark with Electrotpe

Wider Windowed Security Thread

Intaglio

Novel Numbering

See-through Feature

The Central Bank of Belize is pleased to announce a modified issue of the upgraded family of banknotes, which were first put into circulation in June 1998. The features in this modified issue are still the same, except that three of these features have been enhanced to make the notes more secure against advancing technologies and more easily recognizable as genuine. The modified \$20 and \$100 banknotes will be introduced in June 2003 and the other denominations will follow.

Be safe, be sure

Look for these and other key security features described in this leaflet. Do not rely on one single feature. If you have any doubt, compare the note with the one that you know is genuine.

You can protect yourself against receiving counterfeit banknotes by checking the notes when you receive them.

If you have a note, which you believe is a counterfeit you must take it to the police at once. It is a criminal offence to hold or pass a note, which you know to be a counterfeit.

It is also a criminal offence to deliberately deface the note in any way.

Actual Size: 150mm x 75mm



- 1
- 3
- 4
- 5
- 2
- 6



Actual Size: 140mm x 70mm

New and Familiar Features:

Remember that your modified \$100 and \$20 notes still have the same design, size and security features of the 1998 upgraded family of banknotes but that three security features have been enhanced to make your notes more secure.

1. Hologram with Intaglio Overprint

On the \$100, the hologram in the shape of a toucan now has the increased security of an "intaglio overprint" in the shape of a periwinkle flower.

2. Watermark with Electrottype

Each banknote now contains a denominational electrottype that is incorporated into the notepaper and appears under the watermark.

3. Wider Windowed Security Thread

The security thread is wider and glows blue under ultra violet light.

4. Intaglio

Gives a banknote its characteristic 'feel' by depositing on the paper a layer of ink of variable thickness while simultaneously embossing the paper surface.

5. Novel Numbering

Novel numbering boxes have progressively larger digits in adjacent positions.

6. See-through Feature

This feature consists of specific design elements printed in precise register on both sides of the note.