

### ‘Third Eye’ for ‘Smartphone Zombies’

- 1 A ‘third eye’ has been created to prevent “smartphone zombies” from walking into things while focused on their screens. South Korean industrial designer Paeng Min-wook, 28, says the robotic eyeball can be strapped to a person’s forehead, allowing them to browse injury-free. He said the device was a “satirical solution” which he hoped would make people “recognise the severity of their gadget addiction and look back at themselves”. The device – called The Third Eye – senses when the user’s head has been lowered to look at the phone and it then opens its translucent eyelid. When the person comes within one or two metres of an obstacle, The Third Eye beeps to warn them of danger. Mr Paeng said: “As we cannot take our eyes off our smartphones, the extra eye will be needed in future.”
- 2 Mr Paeng, a postgraduate student in innovation design at the Royal College of Art and Imperial College London, has trialled the device around Seoul. Among those who saw it was resident Lee Ok-jo, who said: “I thought he looked like an alien with an eye on his forehead. These days many young people can get into accidents while using their mobile phone. This would be good for them.”
- 3 The Third Eye uses a gyro sensor to measure the angle of the user’s neck and an ultrasonic sensor to calculate the distance between the robotic eye and obstacles. The sensors are both linked to an open-source single-board microcontroller with a battery pack.



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## Tekst 11 'Third Eye' for 'Smartphone Zombies'

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- 1p 34 How is 'The Third Eye' presented in paragraph 1?
- A as a bold fashion statement for true tech junkies
  - B as a clever method for navigating through crowded streets
  - C as a humorous form of criticism of a modern problem
  - D as a useful invention to help people spend more time online
- 1p 35 What is the main function of paragraph 2?
- A to explain why 'The Third Eye' was tested out in public first
  - B to give an impression of a first response to 'The Third Eye'
  - C to make clear that 'The Third Eye' is still only a prototype
  - D to question if 'The Third Eye' will greatly improve road safety
- 1p 36 Which of the following best describes paragraph 3?
- A It aims to get more people interested in 'The Third Eye'.
  - B It gives technical information about 'The Third Eye'.
  - C It stresses that 'The Third Eye' is easy to manufacture.
  - D It warns about safety hazards connected to 'The Third Eye'.

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### Bronvermelding

Een opsomming van de in dit examen gebruikte bronnen, zoals teksten en afbeeldingen, is te vinden in het bij dit examen behorende correctievoorschrift.