스마트안경 식별 요령 및 대응 관련 참고자료

□ 스마트안경 외형상 특징

○ (**렌즈**) 렌즈 부분에 푸른빛 사각형 등 **투명하지 않은 부분**(디스플레이) 존재

※ 정면보다는 대각선 각도에서 명확하게 보이는 경우가 많음

○ (**안경테 전면**) 안경테 전면 좌우 측면 또는 중앙에 **카메라 홀** 존재

○ (**기타**) 두꺼운 안경다리, 충전 단자, USB 포트, LED 표시등, 전원버튼 등

⇒ **디스플레이** 또는 **카메라**를 갖춘 안경은 **명확히 스마트안경**으로 식별 가능

□ 스마트안경 사용 의심 행동

○ 스마트안경의 **외형상 특징과 유사한 안경을 착용한 학생**이 **이하의 행동**을 하는 경우, **스마트안경 사용을 의심**할 수 있음

- ① **안경다리**, ② **손가락에 착용한 반지**, ③ **손목에 착용한 밴드**를 **자주 만지는 행동** (터치 센서)
- 시험 중 **안경 위치를 계속 조정**하는 행동
- **몇 초간 허공을 바라보는** 듯한 행동, **특정 방향을 반복적으로 응시** 등

□ 스마트안경 확인 요령

○ (**시험 전**) 감독관은 시험 전 **스마트안경 착용 여부 확인**

- 수험생이 감독관의 **확인 요구에 불응**하는 경우, 이는 **부정행위로 처리되는 사항임**을 안내

○ (**시험 중**) 시험 중에는 **즉시 확인하지 않고**, 주의깊게 관찰하되 종료령 이후 **문답지 수거가 모두 완료된 시점에 확인**

참고	스마트안경 설명 및 착용 사례

스마트안경 설명 및 착용 사례





메타(Meta) 스마트안경

안경렌즈 측면으로 카메라렌즈 2개.
디스플레이 화면을 위한 안경렌즈 구석에 빗금무늬 표식이 있음.
배터리, 블루투스 장치 등을 위해 안경다리가 두꺼움.





로키드(Rokid) 스마트안경

안경 우측면에 카메라렌즈 1개만 있음.
각도에 따라 디스플레이 화면이 푸른색으로 식별될 수 있음.
안경다리 끝 한쪽에 충전단자가 있음.





이븐리얼리티(Even Realities)스마트안경

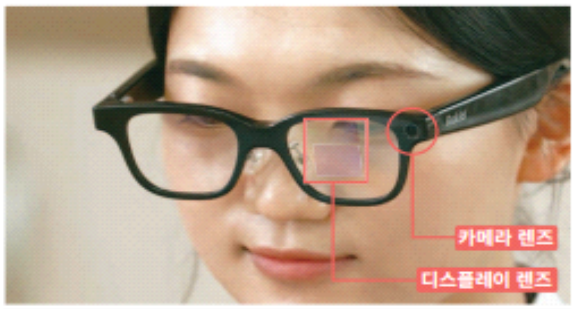
카메라 없는 스마트안경.
음성으로 명령하며, 디스플레이 화면이 안경렌즈에 있음.
안경테가 두껍지 않아 일반 안경과 유사해 보임.





기타 스마트안경

안경 중앙에 카메라렌즈 1개 있음.
각도에 따라 디스플레이 화면이 푸른색으로 식별될 수 있음.
안경다리 끝 전자장치로 매우 두꺼움.



스마트안경 착용모습



스마트안경 카메라렌즈



렌즈 빛 반사 모습



디스플레이 렌즈 응시



안경다리 센서 터치



스마트링 착용 모습



스마트안경 충전 단자

Reference Guide to Identifying Smart Glasses and Responding to Suspected Use

□ Physical Features of Smart Glasses

○ Lenses: Non-transparent areas, such as blue-tinted rectangles, may be visible in the lenses (displays).

※ These features are often more clearly visible from an oblique angle than from directly in front.

○ Frame Front: Camera openings may be located at either side or in the center of the front of the frame.

○ Other Features: Thick temples, charging terminals, USB ports, LED indicators, power buttons, etc.

⇒ Glasses equipped with a display or camera can be clearly identified as smart glasses.

□ Behaviors That May Indicate Smart Glasses Use

○ If a student wearing glasses with features resembling those of smart glasses exhibits any of the following behaviors, the use of smart glasses may be suspected:

- Frequently touching ① the temples of the glasses, ② a ring worn on a finger, or ③ a wristband (which may contain touch sensors).
- Repeatedly adjusting the position of the glasses during the examination.
- Appearing to stare into space for several seconds or repeatedly looking in a particular direction.

□ Procedures for Checking Smart Glasses

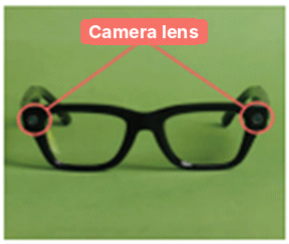
○ Before the Examination: Invigilators should check whether students are wearing smart glasses before the examination begins.

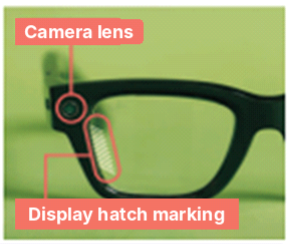
- Inform students that refusal to comply with an invigilator's request for inspection will be treated as examination misconduct.

○ During the Examination: Do not conduct an immediate inspection. Observe the student carefully and conduct the inspection only after the examination has ended and all question papers and answer sheets have been collected.

Reference Smart Glasses: Description and Examples of Use

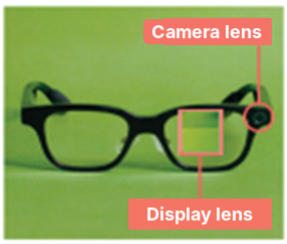
Smart Glasses: Features & How They're Worn

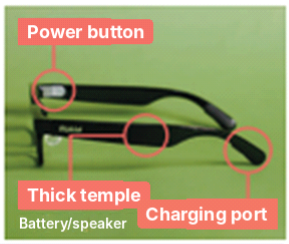




Meta Smart Glasses

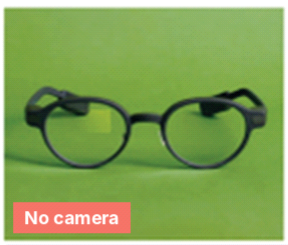
Two camera lenses on the sides of the lenses.
Hatched marking on the lens for the display screen.
Thick temples to house the battery, Bluetooth, etc.

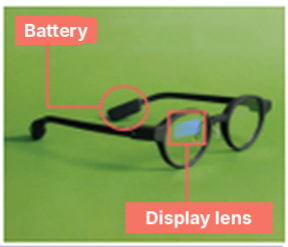




Rokid Smart Glasses

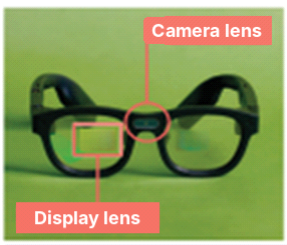
Only one camera lens, on the right side.
Display may appear bluish depending on the angle.
Charging port at the end of one temple.

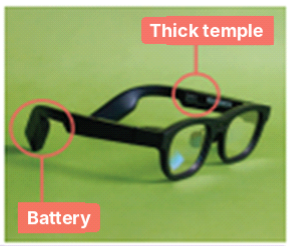




Even Realities Smart Glasses

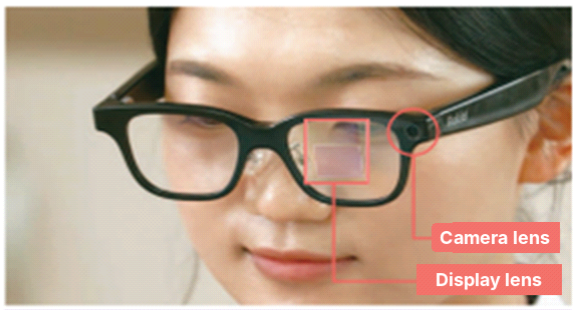
Smart glasses without a camera.
Voice-controlled; the display is in the lens.
Thin frame, so they look like ordinary glasses.



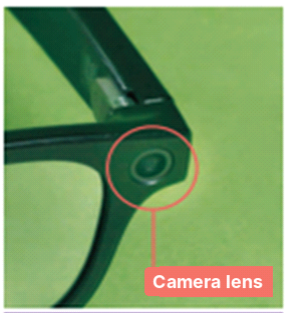


Other Smart Glasses

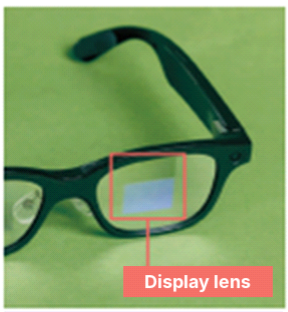
One camera lens in the center of the frame.
Display may appear bluish depending on the angle.
Temples are very thick due to built-in electronics.



Wearing Smart Glasses



Smart Glasses Camera Lens



Light Reflecting off the Lens



Looking at the Display Lens



Touching the Temple Sensor



Wearing a Smart Ring



Smart Glasses Charging Port