



# Available in your field , Change the field!

Birth of the advanced smart glasses “Versatile”



Protective glasses type  
“VT-770”



Lightweight frame type  
“VT-850”



Optical module  
“VT-001”

## Product overview



- Ergonomics “Light weight ” , “fit perfect” frame
- Can be worn together with prescription glasses
- Holographic waveguide display which does not hinder visibility
- One-touch detachable optical module “VT-001” (patent pending)
- Power-saving design considering usability

## Product detail

### Protective glasses type "VT-770"

- High protection glasses make possible to get necessary information while protecting eyes
- Able to tilt the temples into five different angles
- Planning to meet the JIS standard (JIS T8147)



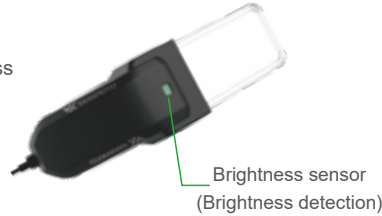
### Lightweight frame type "VT-850"

- Simple design that can be applied to every scene from a picking operation to an amusement industry.
- None stress lightweight design even if people use for a long time
- Easy to adjust the display with 2 axis adjustment functions



### Optical module "VT-001"

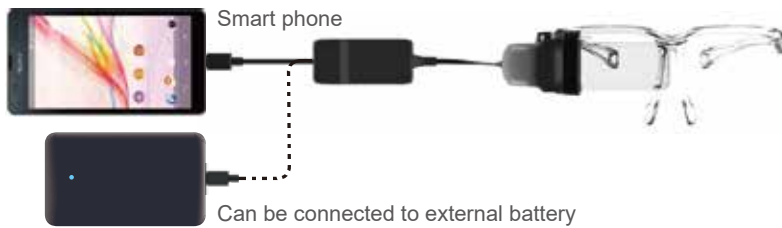
- Adjustable brightness with high brightness
- High transmittance(85%) and does not hinder visibility
- Slim profile and lightweight



## Feature

### Easy detachable module structure

Easy to remove the module with just one-touch from both frames, so people can share the same module.



### Power-saving design to use for a long time

In the power supply test from the smart phone battery, we achieved about 9 hours of working(※). By connecting an external battery, it also supports to use more longer.

※...Depend on the performance and specifications of battery.

## Spec

### VT-770 Protective glasses

Size (HWD)	62×189×169mm
Weight (※)	58.0g

### VT-850 Lightweight frame

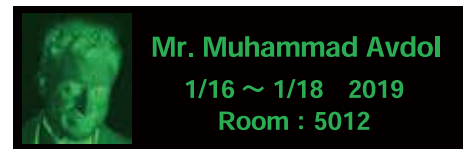
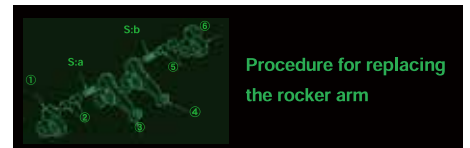
Size (HWD)	58.5×168×195mm
Weight (※)	18.6g

(※) These weight are excluding the cable unit, and they may be different depending on the specifications of the product.

### VT-001 One-touch detachable optical module

Display form	See-through holographic waveguide display (Both right and left in common)
Waveguide thickness	3.14 mm including protective plating
Resolution	419(H) × 138(V) pixel
Field of view	Diagonal 20° (Horizontal 19° x Vertical 6°)
Image color	8 bit monochrome green scale
See-through transmittance	More than 85%
Eye-box size	9 mm (H) x 6 mm (V)
Virtual image distance	About 8 mm
Power-supply voltage	DC5V (USB charge) ※ Can be connected external battery
Maximum power consumption	Under 2W
Size (HWD)	30.6 x 108 x 49.5mm
Weight	24.0g
Connecting terminal	USB Micro-B
Usage temperature	0°C ~ 45°C

※ Display images (Actual backgrounds are see-through)



※ Should be connected to host device which has Android OS.

※ Preparation (development) of the application is done by customer.

