



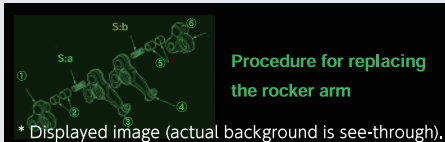
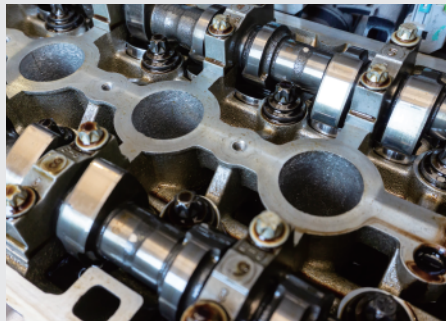
Voice recognition translation



That's a good idea!
それはいいアイデアだね!

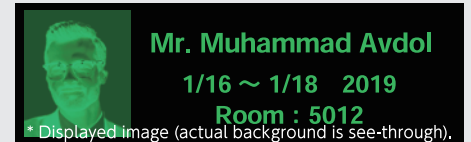
* Displayed image (actual background is see-through).

Standard Operating Procedures



* Displayed image (actual background is see-through).

Face recognition



Mr. Muhammad Avdol
1/16 ~ 1/18 2019
Room : 5012

* Displayed image (actual background is see-through).

* Android smartphones or host devices are required for connection.
* Users need to prepare (develop) an application.



Product overview

- A lightweight and perfectly fitted frame based on ergonomics
- Wearable over prescription glasses
- A holographic light-guide plate display that does not hinder vision
- Quick detachable Optical Unit VT-001 (patent-pending)
- Power-saving design chosen for usability

Product description

Protective Glass Type VT-770

- Can obtain necessary information with eyes protected.
- The lens can be adjusted to five angles.
- Conforms to JIS standard (JIS T8147).



Lightweight Frame Type VT-850

- Simple specifications adaptable to various applications ranging from picking work to the amusement industry.
- Lightweight design that causes little stress even when used for a long time.
- A two-axis angle adjustment function allows easy alignment with a hologram.



* A glass-mounted holder is supplied as standard with VT-850. (Attach the holder through an eyeglass temple before use.)

Optical Unit VT-001

- Provides high brightness (max. 2000 nits). Brightness can be freely adjusted.
- Vision is not hindered due to high transmittance (85% or more), thus securing safety.
- A thin lens contributes to weight reduction.



Illumination sensor
(for measuring brightness)



Versatile®

Features

User-friendly unit removable structure

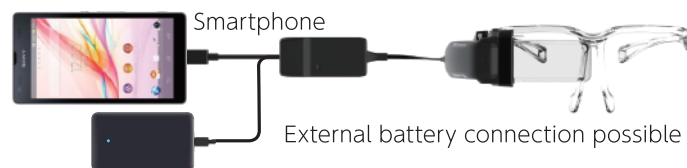
The optical unit can be quickly and easily removed from either frame, and can be shared for usage.



Power-saving design for long-time use

The unit actually operated for about nine hours while receiving power from a smartphone in the power feed test. (*) External battery connection allows for longer use.

* Operating time depends on the battery performance or usage conditions.



External battery connection possible

Specifications

VT-770 Protective Glass

Size (H x W x D)	62×189×169mm
Weight (Note)	58.0g

VT-850 Lightweight Frame

Size (H x W x D)	58.5×168×195mm
Weight (Note)	18.6g

(Note) Excluding the cable unit. The weight may slightly vary depending on product specifications.

Protective Glass Type VT-770



Lightweight Frame Type VT850



Optical Unit VT-001



VT-001 Quick Detachable Optical Unit

Display type	Transparent holographic light-guide plate display (For single-eye use; The same unit can be used on both left and right sides.)
Light-guide plate thickness (including the light-guide section and cover)	3.14mm
Resolution	419 (H) x 138 (V) pixels
Angle of view	20° diagonal (19° horizontal x 6° vertical)
Display color	Single color (green), 256 gradations
Projector output brightness (max.)	2,000nit
See-through transmittance	85% or more
Eye box	9 mm (horizontal) x 6 mm (vertical)
Virtual image distance	Approx. 8 m
Integrated sensors	Illumination sensor, acceleration sensor, gyro sensor
Power supply	5 VDC (USB power delivery) * External power supply can be used.
Max. power consumption	2 W or less
Size (H x W x D)	30.6×108×49.5mm
Weight	24.0g
Connection terminal	USB Micro-B
Operating temperature range	0°C to 45°C

* Optical Unit VT-001 is not equipped with a camera. Linked operation with a smartphone camera is possible depending on application specifications.

HAGIWARA Solutions

Nagoya Head Office
8th Floor, Pacific Square Nagoya Nishiki,
2-5-12 Chuo Ward, Nagoya City, Aichi Prefecture 460-0003
TEL. +81-52-223-1301 FAX. +81-52-223-1303

Osaka Branch
8th Floor, Meiji Yasuda Seimei Osaka Midotsuji Building,
4-1-1 Fushimi-machi, Chuo Ward, Osaka City, Osaka Prefecture 541-8765
TEL. +81-6-6223-5011 FAX. +81-6-6223-5012

Tokyo Branch
2F, Kudan First Place, 4-1-28, Kudankita, Chiyoda-ku, Tokyo, Prefecture
102-0073
TEL. +81-3-3556-5016 FAX. +81-3-3556-5018

Fukuoka Office
4th Floor, Higashishihie Square Building, 3-12-16 Higashishie,
Hakata Ward, Fukuoka City, Fukuoka Prefecture 812-0007
TEL. +81-92-477-8207 FAX. +81-92-477-8208

Look at our website for the latest information on our services.

<https://www.hagisol.com>

"Windows" and "Microsoft Office" are registered trademarks of the USA and other countries. Other stated company and product names are trademarks or registered trademarks.

The information contained in this catalog is subject to change without prior notice (e.g. due to development progress).

We accept no liability whatsoever for inconvenience suffered by users based on the content of this catalog.