

Smart glasses for Matsui: recommendation and options

For the Matsui Manufacturing smart glasses project · Prepared by Techno Brave Asia, XR team · June 2026

In one minute

Matsui asked for smart glasses with three features: **AR remote assistance**, **live translation**, and **place a 3D object and measure**. The target is an MVP demo at the **Germany expo in October**.

No single affordable glass does all three. The safe, low-risk answer is a **smart glass plus a phone, using existing off-the-shelf software, with no custom build**. After testing the market, the chosen glass is the **Moziware Cimo**. This paper gives the boss **three options** to choose from, with one recommendation.

Our recommendation

Option A: Moziware Cimo + phone + VSight

Best value, and one app covers both remote assistance and live translation in Japanese, Thai, and English. About **\$3,300 for one demo kit in the first year**. Option C is a strong low-upfront alternative if you prefer a pilot. All prices are estimates until the quotes come back.

The challenge and our approach

Matsui wants one solution that does three things on the factory floor:

1. AR remote assistance	2. Live translation	3. Place 3D and measure
A remote expert sees what the worker sees and draws on the live view to guide them.	The worker and the expert speak different languages and still understand each other. Japanese, Thai, English.	Place a 3D marker in the real space and measure real parts.

No single affordable glass does all three, and the consumer glasses (RayNeo and the new Rokid models) have **no certified remote assistance**, which is why they were rejected. The reliable answer is to split the work and use software that already exists.

The approach we propose

- **A smart glass** on the worker, hands-free, for remote assistance and translation.
- **A phone or tablet** with depth sensor (LiDAR), for the 3D and measurement part.
- **Existing software**, no custom remote-assist build. This is the fastest and safest path to the October demo.

The glass we chose: Moziware Cimo

We compared nine industrial glasses on price, camera, ruggedness, and software support. The **Moziware Cimo** won as the best value for the job.

Why Moziware Cimo	Detail
Lowest mainstream price	About \$1,425, roughly half the price of the Rokid Glass 2
Best for the actual job	16 MP dual-HDR camera and 4 noise-cancelling mics, which is what remote support depends on
Built for the factory	IP66 dust and water resistant, hot-swap battery, laser pointer
Does not lock our software	Runs both TeamViewer and VSight

Also considered and set aside: Rokid Glass 2 (\$3,000, older 2020 model, weaker camera), Epson Moverio BT-45 (nice binocular display but flagged end-of-life by sellers), Vuzix M400 (\$1,800, smaller display), Almer Arc 2 (modern but only ~2 hours of battery, see Option C), RealWear Navigator 520 (\$2,900, very rugged but heavy).

Three options for the boss to choose

RECOMMENDED

Option A: Moziware Cimo + phone + VSight

~\$3,300 / kit, year 1

Includes: Moziware Cimo glass (~\$1,425), phone or iPad with LiDAR (~\$950), VSight software (~\$950/yr).

PROS

- One app covers remote assist **and** live translation (JP, TH, EN)
- Cheapest and simplest to run
- Clear published software pricing

CONS

- VSight is a smaller brand than TeamViewer
- Translation tier needs a quote to confirm

OPTION B

Moziware Cimo + phone + TeamViewer Frontline + Assist AR

~\$3,600+ / kit

Includes: Moziware Cimo (~\$1,425), phone or iPad (~\$950), TeamViewer Frontline + Assist AR (quote), plus a separate translation app.

PROS

- The biggest brand name in remote assistance, strong for Matsui
- Proven in large enterprises

CONS

- Two apps plus a separate translation tool
- Higher cost, and pricing is quote-only

OPTION C

Almer Arc 2 subscription + phone

~\$176 to \$235 / month

Includes: Almer Arc 2 glass, TeamViewer software, and 48-hour replacement, all in one monthly fee. Plus a phone or iPad (~\$950).

PROS

- Almost no upfront hardware cost, easy to approve
- Hardware, software, and replacement in one fee
- Modern 25 MP camera

CONS

- About 2 hours of battery per charge
- A different glass from the Moziware decision
- Ongoing monthly cost

All three share the same shape: glass plus phone, existing software, no custom build. The 3D and measurement always run on the phone. Prices are estimates until vendor quotes return.

Cost at a glance

Option	Glass	Phone	Software	Year 1, one kit
A. Moziware + VSight (rec.)	~\$1,425	~\$950	~\$950 / yr	~\$3,300
B. Moziware + TeamViewer	~\$1,425	~\$950	quote + translation	~\$3,600+
C. Almer Arc 2 subscription	glass + software bundled, ~\$176-235/mo		+ ~\$950 phone	~\$3,000-3,800

A demo needs one or two kits. A wider rollout later multiplies the per-kit cost. The biggest single cost is the phone or tablet, which Matsui may already own.

Recommendation

Go with Option A (Moziware Cimo + VSight). It is the cheapest, it covers remote assistance and translation in one app in the three languages we need, and it is simple to run.

Keep **Option C (Almer subscription)** as the fallback if you prefer low upfront cost and a pilot model. Choose **Option B** only if the TeamViewer brand name is important to Matsui.

Timeline to the Germany expo



Development starts in July, after the device is bought. Full weekly plan is in the project Gantt.

What we need from you

- **Approve the direction:** glass plus phone, existing software, no custom build.
- **Pick the option:** A (recommended), B, or C.
- **Approve budget** to request quotes and buy the first device, so development can start in July.

Open items before final numbers: confirm the Moziware Cimo price and the VSight and TeamViewer quotes with VR Expert or Wideum. Sources: vendor and reseller pages (Moziware, VSight, TeamViewer, Almer), VRcompare, June 2026. Prices are estimates.

Appendix: glasses we compared, including Rokid

We checked nine industrial glasses. Four made the shortlist. Rokid Glass 2 was compared fairly, with a demo video for each below. Rokid lost to the Moziware Cimo mainly on **price, camera, and age**, not because it was skipped.

Glass	Price	Pros	Cons	Demo video
Moziware Cimo chosen	~\$1,425	16 MP dual-HDR camera, IP66 rugged, hot-swap battery, cheapest, runs both apps	Monocular, 3 hours per charge	Watch ▶
Rokid Glass 2	~\$3,000	Wider 40° see-through view, up to 8 hours battery, foldable, light face unit	Double the price, 2020 model, modest 1080p camera, tethered battery pack, monocular per spec sheet, no IP rating	Watch ▶
Vuzix M400	~\$1,800	12.8 MP camera, most established platform, IP67	Small low-resolution display, costs more than Moziware	Watch ▶
Almer Arc 2	~\$176-235/mo	25 MP camera, software bundled in the subscription, modern chip	About 2 hours of battery, ongoing monthly cost, different glass from the choice	Watch ▶

Epson Moverio BT-45 was also checked. It has a nice binocular see-through display, but sellers flag it as end-of-life, so it was dropped.

Why not Rokid Glass 2?

Rokid is a capable remote-assist glass, and it is proven in the field. The clip above shows it used for **remote expert calls in a German factory**, which is close to our use case. But for this project it does not win:

- It costs **about \$3,000, roughly double the Moziware Cimo**.
- It is a **2020 model** with a weaker **1080p camera**, while remote support depends on camera quality.
- Its 96 g weight **excludes a tethered battery pack**, so it is not as self-contained as it looks.
- Its only real edges are a **wider 40° see-through view** and longer single-charge battery, not enough to justify double the cost.

Demo videos: Rokid Glass 2 in a German factory (youtube.com/watch?v=Rs-bVG7Qr54), Moziware Cimo on the floor ([watch?v=oGv8G4dd1Og](https://youtube.com/watch?v=oGv8G4dd1Og)), Vuzix M400 guiding a technician ([watch?v=Nz7FDKHdi9U](https://youtube.com/watch?v=Nz7FDKHdi9U)), Almer Arc 2 ([watch?v=IOzyg6IL0hw](https://youtube.com/watch?v=IOzyg6IL0hw)). Prices are estimates, confirm with a reseller.