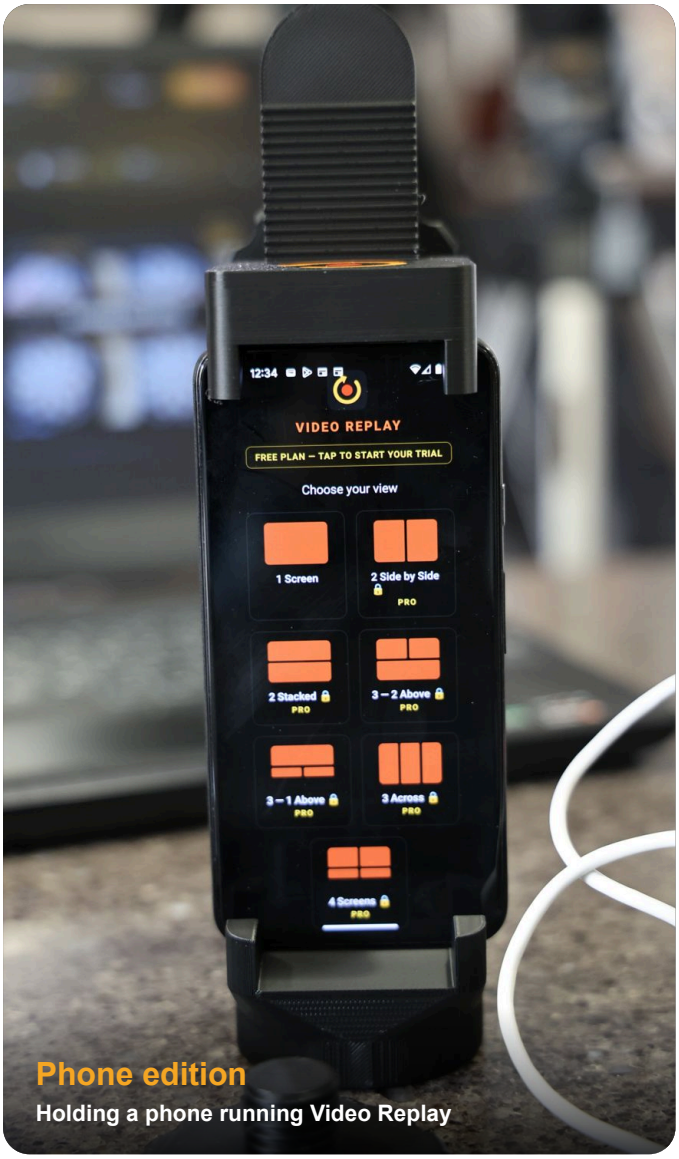
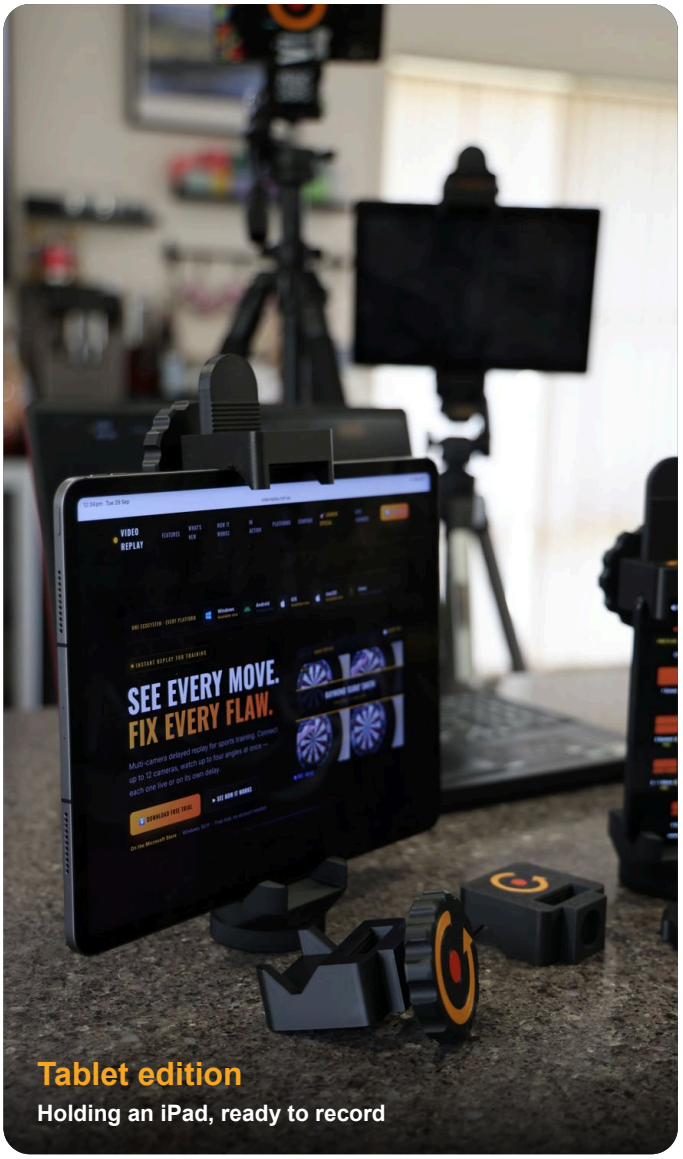
Video Replay Tripod Holder

Features & accessibility guide

RECORD · REVIEW · REFINE
Phone & tablet editions
3D printed in PLA or PETG-HF
Official release on MakerWorld



Phone edition
Holding a phone running Video Replay



Tablet edition
Holding an iPad, ready to record

A rock-solid tripod holder for filming with Video Replay. **Interlocking teeth** hold your phone or tablet firmly in place, and the **65 mm palm knob** tightens with the flat of your hand, so you don't need to use your fingers.

Scan to get Video Replay

videoreplay.com.au

Point your phone camera at the code to open the website.

DESIGNED & CREATED BY

3D Origins

3dorigins.com.au

ABN 32 300 992 377 · Suite 4034, Unit 9/235 Forest Lake Blvd, Forest Lake QLD 4078 · 0494 737 600

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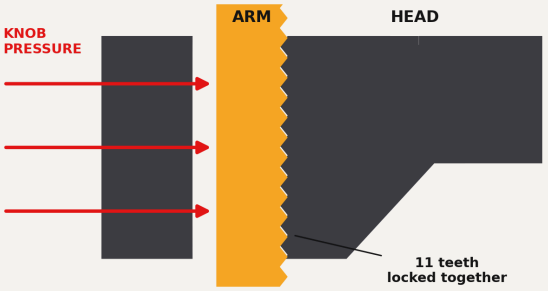
STABILITY

The teeth lock

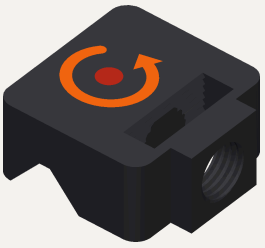
Most phone holders use friction: a smooth surface squeezed tight and hoping it stays put. This holder uses **interlocking teeth**. The back of the arm has a row of fine teeth, and **the head has matching teeth inside its slot**. When you turn the knob, it pushes the arm into the head and the two rows of teeth lock together, so the phone is held in place by the shape of the parts, not just by how hard you tightened it.



The real thing: the head locked onto the toothed arm



CUT-AWAY: HOW THE TEETH MESH



HEAD UNIT: TEETH INSIDE THE SLOT

2.5 mm
between teeth, so it fits any device snugly

11
teeth locked together inside the head

~80
locking positions on the phone arm

0.8 mm
deep teeth on the arm and head

EASY TO USE

The 65 mm palm knob

The knob is big enough to operate with **the flat of your hand**. Put your palm on it and turn your wrist. There's no pinching, gripping or fiddly finger work, so **you don't need to use your fingers to tighten it**.

The rim has twelve deep, rounded scallops that your palm naturally catches on, so it turns without slipping. A coarse 20 mm thread means it only takes a few turns to lock up or release.



FRONT



BACK

65 mm
across, as wide as a palm

12
rounded scallops for grip

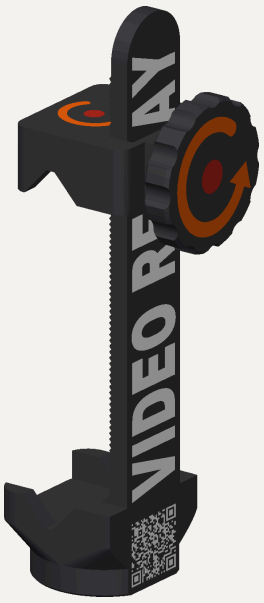
2.5 mm
of travel per turn

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THE DESIGN

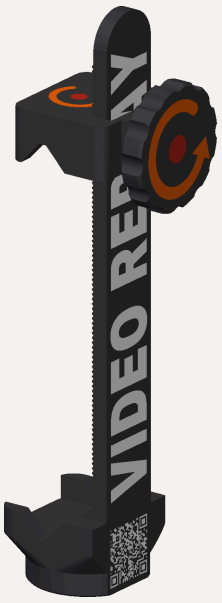
Front & back

The front carries the Video Replay name and logo, and the back carries the toothed track that the head locks onto.

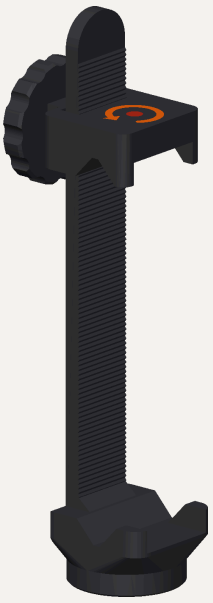


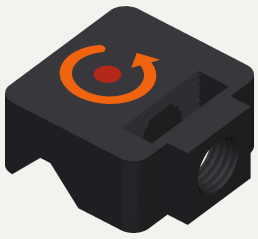
PHONE · FRONT

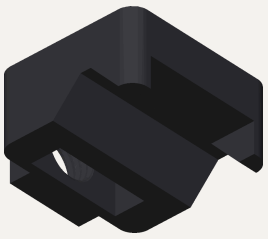

PHONE · BACK



TABLET · FRONT


TABLET · BACK


HEAD · TOP

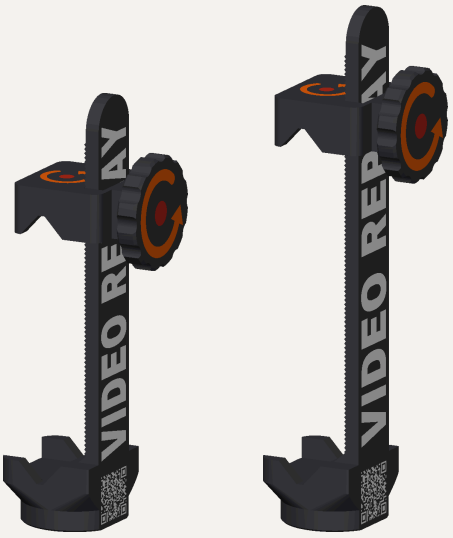

HEAD · UNDERSIDE


KNOB · FRONT


KNOB · BACK

TWO SIZES

Two heights available



246 mm
PHONE

297 mm
TABLET

Phone: 246 mm tall

For iPhone and Android phones. It's compact and light, and easy to carry in a bag.

Tablet: 297 mm tall

A longer toothed arm for iPad and tablets, so the bigger screen is held just as securely.

Both use the **same head and palm knob**, so they work exactly the same way. Both are shown to scale.

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ACCESSIBILITY

Designed for low mobility

We designed this holder for people who find small screws, clips and spring clamps hard to use, including people with arthritis, weak grip, tremor or limited finger movement. Here's how the design helps.

Palm-operated

You tighten and release it with your whole hand. There's no pinch grip and no fine finger control needed.

Big, easy-to-find knob

At 65 mm across, it's a large target that's easy to reach and turn, even with gloves on or with limited dexterity.

Few turns

The coarse 2.5 mm thread locks up and releases in a few turns, not dozens.

Teeth do the holding

The interlocking teeth hold the device, so you don't need a lot of hand strength to keep it steady. Snug is enough.

Sure positioning

The teeth set positions every 2.5 mm, so the head stays exactly where you put it.

Rounded, hand-friendly edges

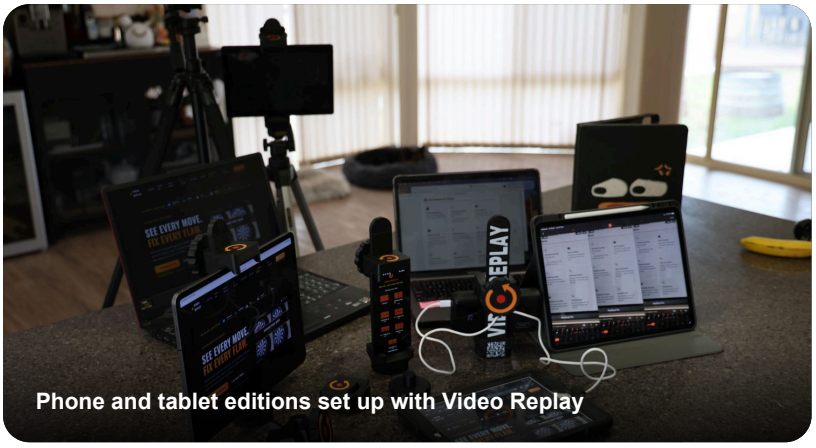
The arm has a rounded tip, the head has rounded corners and the knob has smooth scallops, so there's nothing sharp to catch fingers or skin.

No tools, no loose hardware

Just three printed parts: no metal nuts, tiny screws or springs to drop, lose or fumble with.

Light but sturdy

Printed with 4 solid walls for strength, but still light enough to lift and set up one-handed.



Phone and tablet editions set up with Video Replay



Fitting the tablet edition to a tripod

PART	SIZE	JOB
Phone arm	246 × 60 × 58 mm	Toothed track with base jaw
Tablet arm	297 × 60 × 58 mm	Longer track for iPad & tablets
Head	63 × 60 × 28 mm	Slides on the arm, locks into the teeth
Palm knob	65 mm dia × 30 mm	Coarse 20 mm thread, tightens the lock

PRINT SETTINGS	
Printer	Bambu Lab X1 Carbon or P2S, 0.4 mm
Layer · walls	0.20 mm · 4 walls
Infill	20%
Material	PLA or PETG-HF

Scan to get Video Replay

videoreplay.com.au

DESIGNED & CREATED BY

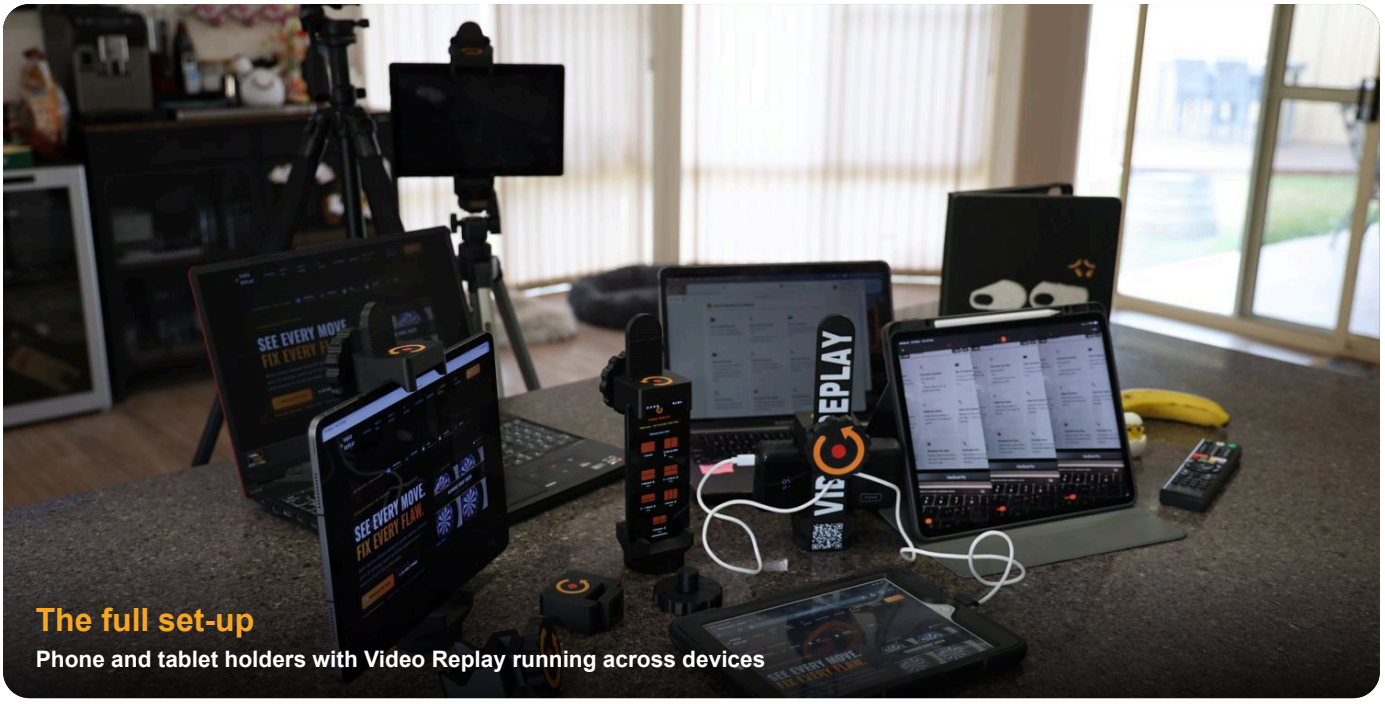
3D Origins

3dorigins.com.au

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GALLERY

See it in action



The full set-up

Phone and tablet holders with Video Replay running across devices



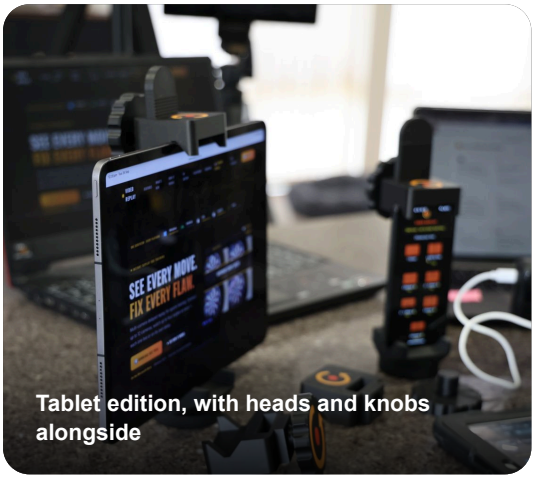
Phone edition on a tripod



Holds accessories too: its extra-deep grip takes thick items like power banks



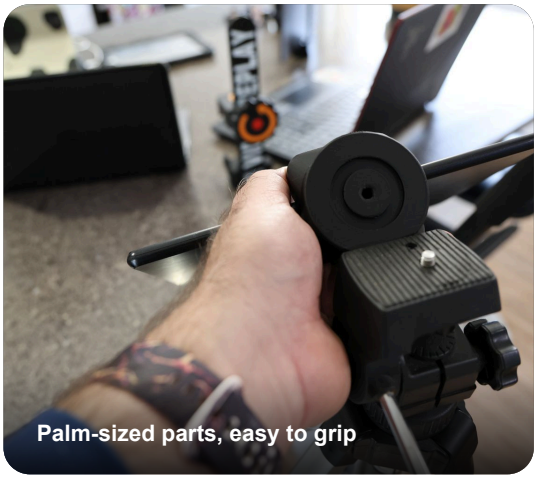
Tablet edition, front



Tablet edition, with heads and knobs alongside



Phone edition



Palm-sized parts, easy to grip

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GALLERY

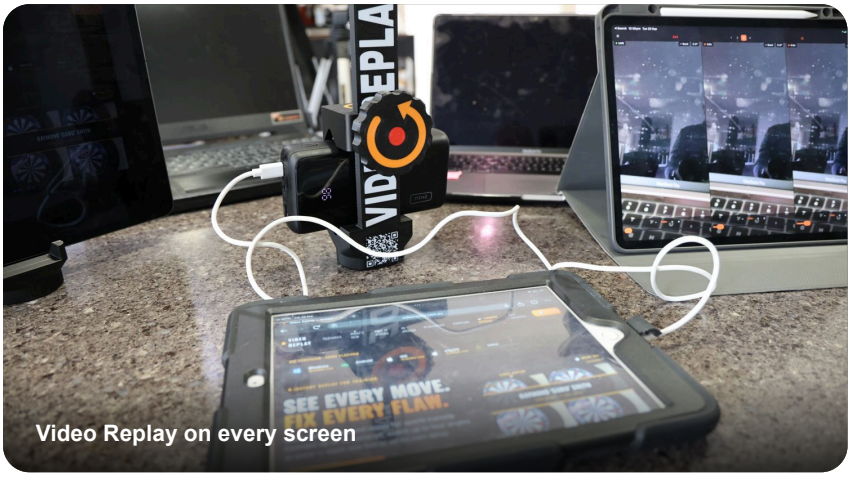
From the launch shoot



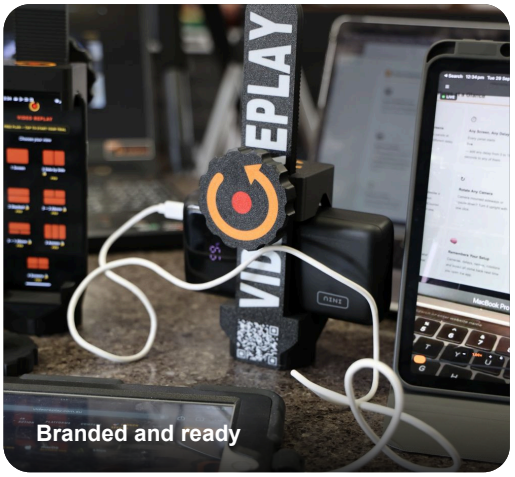
The palm knob and toothed arm, up close



Heads and palm knobs ready to go

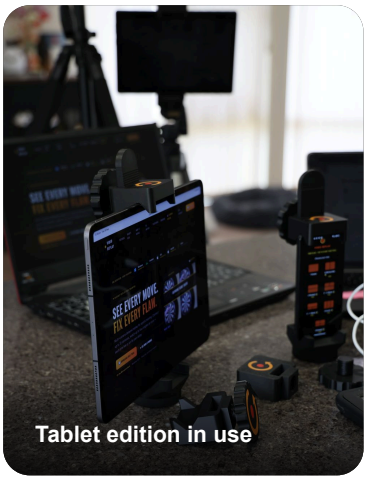


Video Replay on every screen

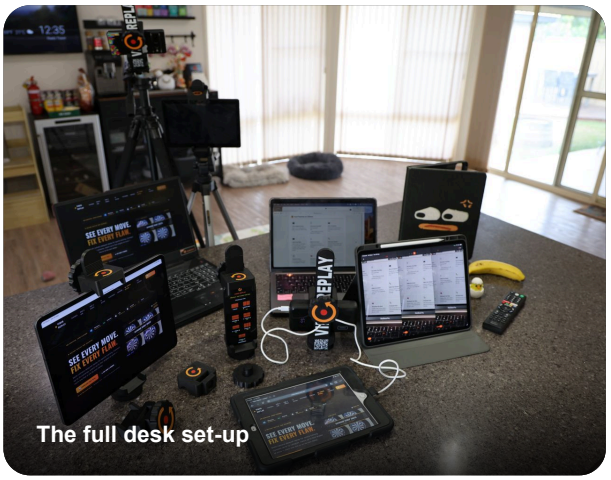


Branded and ready


Tablet edition, side view



Tablet edition in use



The full desk set-up

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THE 3D ORIGINS STORY

Connecting people, layer by layer

3D Origins
3dorigins.com.au

3D Origins started with a simple idea: **a 3D printer can bring people together.** Every print is built one layer at a time, and so are the best relationships.

Dads and kids. Mums and kids. Carers and kids. Families, friends and whole communities. 3D printing is a **shared hobby you can do side by side**: dreaming up an idea, designing it, printing it, fixing it and making it better together, instead of disappearing into separate screens and mindless scrolling.

It's about **helping each other**. One person has an idea, someone else helps shape it, and together you hold the finished thing in your hands.



Made together, one layer at a time

Dads & kids | **Mums & kids** | **Carers & kids** | **Everyone, together**

FROM
Switched off and on autopilot, scrolling like a drone

→

TO
An entrepreneurial way of living, where your ideas become reality

If you can imagine it, you can design it, print it and share it, and make the world around you a little better.

✦ **Make kids' lives better**
Creativity, confidence and real problem-solving, built with their own hands.

✦ **Help adults live their best life**
A hobby that's creative, social and rewarding.

✦ **Connect & help each other**
Share ideas, skills and prints, and lift each other up.

✦ **Ideas become reality**
Turn "what if?" into something you can hold.

This tripod holder is one of those ideas, made to help people **train, improve and share**. Like everything we do, it was built **layer by layer**.

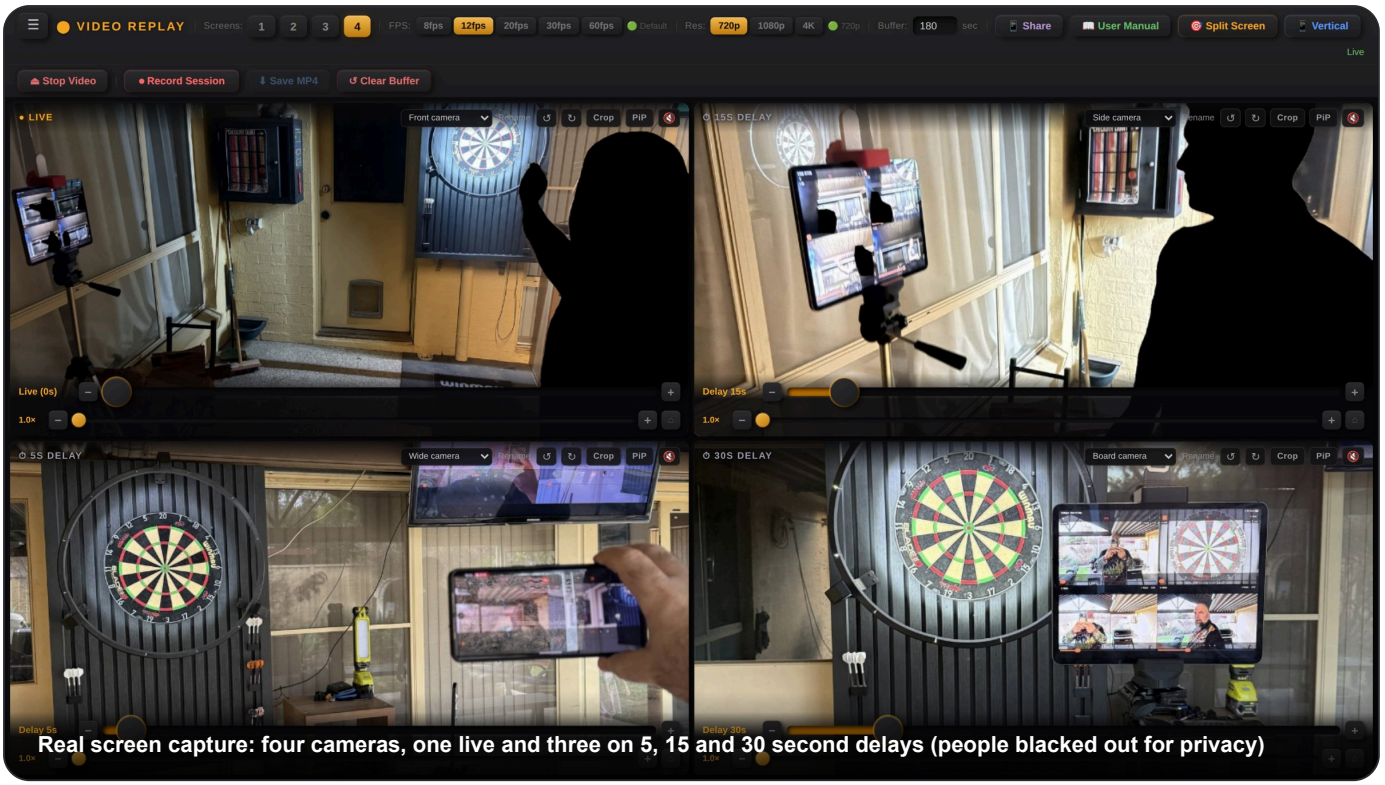
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About Video Replay

The software behind the holder

RECORD · REVIEW · REFINE
Instant multi-camera replay
for every sport

Video Replay turns your computer, phone or tablet into a **multi-camera instant-replay system**. Connect up to 12 cameras on a computer, put each screen on its own delay, and watch your technique play back seconds after you move, from several angles at once. **Throw, glance up, and there it is.**



Real screen capture: four cameras, one live and three on 5, 15 and 30 second delays (people blacked out for privacy)

How it works

1 Set up your cameras
Plug in up to 12 USB cameras, or mount your phone or tablet on the tripod holder.

2 Choose your delay
Give each screen its own delay, from live up to 180 seconds.

3 Play, then look up
Your last shot is already replaying. No buttons, no rewinding.

Built for

Darts, golf, boxing, cricket and any technique-based sport, whether you're training solo, coaching a room or running a club.

It's the kind of coaching tool that used to cost thousands, and now it runs on the computer you already own.

Windows · Microsoft Store

Also on Android, iOS, macOS & Linux

Free 7-day trial

Why players love it

Instant feedback
Fix your stance, grip or release while the feeling is still fresh.

Every angle at once
Front, side and feet on one screen, all in sync.

Fully offline & private
Your footage never leaves your PC, and you don't need an account.

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ABOUT VIDEO REPLAY

Features at a glance

Up to 12 cameras

See up to four angles at once: front, side, feet and board.

Delay per screen

Each screen gets its own delay, from live up to 180 seconds.

Instant replay

The delayed feed is always rolling, so there's nothing to press.

Record to MP4

Save sessions with a title card showing player, coach and date.

Vertical Mode

Portrait 1080×1920 clips ready for TikTok, Reels and Shorts.

Split Screen

A camera docked beside your scoring site: Autodarts, Scolia, DartCounter or Dart It.

Share on your Wi-Fi

Send your live view to a phone or tablet with a QR code, or into OBS Studio.

Your own cloud folder

If you choose, save into your own OneDrive, Google Drive or Dropbox for your coach.

Zoom, pan & rotate

Frame each camera exactly, even sideways or upside-down mounts.

Up to 60 fps

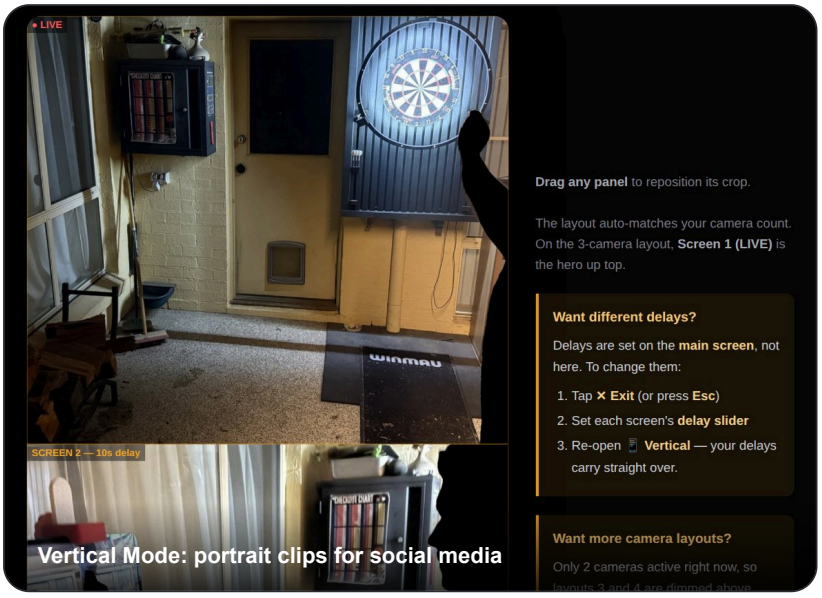
Record in 720p, 1080p or 4K, with camera audio.

Picture-in-picture

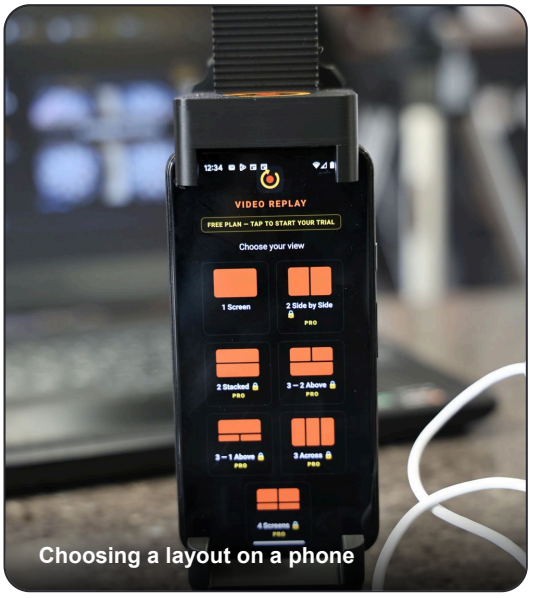
Keep a live inset in the corner of any delayed screen.

Remembers your setup

Camera names, delays and layouts are all there next time.



Vertical Mode: portrait clips for social media



Choosing a layout on a phone

Try it free for 7 days

videoreplay.com.au

All features included. No card and no account needed.

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APPENDIX

Sport is for everyone

Whatever your age, your ability or your sport, getting better is personal. Video Replay is built for **your own improvement**, measured against no one but yourself.

Improve privately

Record, review and refine without sharing a single frame. Nobody else ever needs to see it.

OR

Share with the world

Post a clip, send it to your coach or stream it live. It's up to you.

NO AI

There is no AI in Video Replay.

Nothing is sent off to be analysed. Everything happens on your own computer, and your video never goes to the cloud unless you choose to put it there.

Your data is yours

No account, no sign-up

You don't need an account or an email address to use Video Replay.

We collect no personal data

We don't take your name, your video or anything about you. We keep no personal information.

Your video stays on your PC

Camera feeds and recordings are processed entirely on your computer and never uploaded.

Only a licence check

The app only sends your licence key and a one-way hardware code to check your licence, and checks for updates.

Payments stay with Stripe

If you buy a licence, Stripe handles the payment. Your email is used only to send your licence key.

Sharing is your call

QR sharing works on your own Wi-Fi, and cloud saving uses your own folder. Nothing is shared unless you choose it.

You're in control. You make the decisions. We take privacy seriously, so we don't take your data. You can choose to share, but that's up to you.

RECORD · REVIEW · REFINE

3D Origins

Tripod holder designed & created by 3D Origins · **3dorigins.com.au**

Video Replay software by Web Gecko · **webgecko.au** ABN 32 300 992 377 · Suite 4034, Unit 9/235 Forest Lake Blvd, Forest Lake QLD 4078 · Phone 0494 737 600

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