

# Outdoor TVs

The term "Outdoor TV" has been recently used to describe attempts by regular TV manufacturers to tweak indoor TVs to be visible & waterproof outdoors.

Kind of like putting an engine on your push-bike so you can travel at 100kph.

... Why not just buy a motorbike?

Well, Solid has made 100s of genuine Outdoor Screens for over a decade now.

We don't overthink this. We look at your needs, then offer a solution that will work.



Sometimes it's hard to imagine how our pride & joy outdoor entertaining area could possibly get any better. Nice weather, music, friends - lovely!

Whether it's for sportsfans, or to keep the kids amused with a silly movie.

Solid CAN add to this perfect day.



Flexible mounting options

Solid screens are made waterproof (no tweaking req.)



## ABOUT SOLID... "We Create"

Solid is a family business and a leading Video Scoreboard company in Australia. We design our own screens, fabricate structures in-house and importantly create all of our own sport software systems inhouse. Our system development has been constant over the last dozen years. Many other LED suppliers now onsell our systems around the country.

Outdoor LED video screens is a specialist industry with 1000s of configurations available. Matching these configurations to suit the end-use is crucial for success. For outdoor TVs there is no one solution, if not configured correctly, disappointment will follow (a screen that doesn't do what you expected is a waste of \$\$\$).

## Did you know...

We bet you thought that the whitegoods outlet around the corner also sells "LED screens". - NOT quite.

Solid LED screens are completely different to what is commonly known as "LED TV" screens at the shops.

All of the shop bought models (which cannot be seen outdoors in sunlight) should actually be called "LED backlit LCD screens".

Due to this term being a confusing mouthful they shortened it to "LED screens".

Regular TVs are sandwiched layers. 1. A White LED light layer at the rear, 2. a transparent LCD colour image, and 3. a glass face layer (or several).

Our screens however, consist of tiny RGB LED lights. Strong enough to push light through direct sunlight.

Also, there is no glass cover on our weatherproof screens... No glare.

... if you did know the above fact, then we're impressed.



## Brightness

We touched on "Brightness" on page 1. This is the make-or-break for outdoor screens.

Sunlight is the Enemy (boooo, we LOVE sunlight)! However, we all know how much better the TV looks when you close the curtains!

The brighter the screen is, the more likely that the image and colour will push through the opposing sunlight.

We don't claim to get great sales people here (back to the whitegoods shop for that).

Science & facts are our thing. We'll then leave the decision to you.

- Brightness strength can be measured in a term known as "nit" (otherwise known as candela per square metre)
- The higher the NIT number, the brighter the screen is.
- The brighter the screen is the more likely that the image and colour will push through the opposing sunlight.
- Typical TVs are about 250 nits
- Some "outdoor TVs" are quoted as 700-2500 nits, getting brighter!
  - Still with the glass cover and glare (remember the push bike?)
- Solid Outdoor TVs = 5,000 nits (we believe this should be the min. req.)
- Check out the shadows in this pic (low direct morning sun)
  - This is the worse a Solid screen will look (imagine 700-2500 nits)

As we HAVE mentioned "Facts", here are the downsides...

- Regular TVs have great resolution. If you are very close to our screens you will easily see the pixels. That being the case we recommend viewing distances further back (2 metres +).
- We NEED satisfied clients so we will provide you with all pros and cons on investigation. Your perfect solution will be designed and discussed fully.

