

Photographing & Filming Gorilla Media LED Screens – Cheat Sheet



1. Recommended Camera Settings (60Hz Screens)

- Frame Rate (Video): 30fps or 60fps (avoid 25fps to reduce flicker)
- Shutter Speed (Video): 1/60s or 1/120s
- Shutter Speed (Photo): 1/60s, 1/120s or 1/240s if flicker persists
- Aperture: f/2.8–f/5.6 (wider aperture softens pixel grid)
- ISO: 100–400 in daylight; 400–1600 at night
- White Balance: Daylight (5500K) in sun; ~3200K–4500K at night

2. Tips for Night-Time Capture

- Expose for the screen, not the background
- Use spot metering if available
- Avoid ND filters at night
- Watch for lens flare – use hood and clean lens

3. Pixel Pitch Considerations

- Closer pixel pitch (e.g. 3.9mm) = smoother image
- Keep 2m+ distance when shooting 6mm+ pitch screens
- Use wide aperture and step back to reduce moiré

4. Screen Content Tips

- High-contrast artwork photographs best (e.g. white text on red)
- Avoid complex detail and large white backgrounds
- Use bold colours for vibrant results (reds, blues, greens)

5. Smartphone Filming Tips

- Lock AE/AF on the screen
- Reduce exposure manually in low light
- Use ProCamera, Filmic Pro, or Open Camera for manual control
- Avoid digital zoom – move closer physically