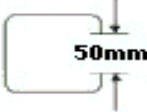

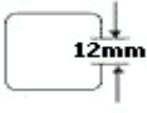


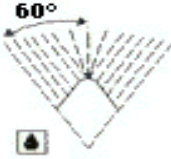






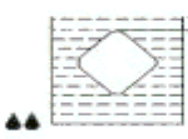



CINIOS

WHAT:	HOW:
Protected from Rain, Water Splashes, Sprinkler and Hose Spray	The housing of CINIOS Backyard Televisions are rated at IP 55 (see chart below) which provides protection from jets of water from all directions (hose, rain, cannon balls) This is accomplished by tightly sealing seams and connections in the design, orienting and protecting ventilation to protect from moisture and rain but allowing for airflow for cooling.
Protected from Corrosion due to Humidity, Dew, and Condensation (Inside & Outside)	Outside -The anti corrosive metal housing protects against damage due to water, moisture, and salt air. Inside - conformal silicone coating is used on all internal circuits and our ventilation/fan system supports prevention of condensation build up.
Protected from Electrical Damage due to Humidity, Dew, and Condensation	Conformal silicone coating material is applied to electronic circuitry to provide protection against moisture.
Protected from Dust, Dirt, and Bugs Entering	CINIOS Backyard TVs are rated at IP 55 (see chart below) by tightly sealing all seams and connections, orienting and protecting the ventilation system to protect from dust and dirt but allow for proper airflow for cooling.
Protected from Sun and UV Radiation	The metal housing and glass panel provide UV and sun protection.
Readable in Outdoor Sunlight	High Brightness LED backlit panel with 450 cd/m2 brightness - about 2x indoor to compensate for the higher levels of ambient light.
DAY/NIGHT dimming	Simple Day/Night selection from on screen Menu adjusts the brightness to allow for the ambient light for viewing day or night.
Watch TV up to 50C (122F) temperature	CINIOS employs a ventilation system that utilizes specially designed dual (32") or quad(42") flow fans that keep the TV cooled to a safe operating temperature.
Watch TV down to 0C (32F) temperature	The LCD panel is designed to be operational down to 32° F . Operation below 32° F may result in poor performance or damage.
Scratch Resistant Front Panel	The use of a tempered glass front panel protects the surface from scratches.
Anti-Glare and Anti-Reflection Panel for Best Picture Quality	CINIOS TVs use anti-reflective (AR) treatment on the protection glass with excellent performance in tough ambient light conditions. With normal glass, strong reflections of ambient light can diminish visibility and cause problems for the viewer. Our special anti-reflective coated protection glass can increase contrast by enhancing the light transmission rate to over 95% (light reflectance rate less than 5%) and can effectively diminish mirror images. We also use an Anti-glare (AG) panels that incorporate a microscopically rough surface laminated onto the display surface that diffuses glare. Chemically etched glass that has a slightly textured finish reduces reflection by scattering light directed on its surface. It softens the image of direct light sources visible in the reflection of the viewing area. (see chart below)
Waterproof Remote Control - If Dropped in Pool/Pond/Hot Tub or Rain Puddle	IP 67 (see chart below) Protected against the effects of immersion by insuring all seams and openings are sealed.

WeatherProtect Features:

1st Digit	Protection from solid objects	2nd Digit	Protection from moisture
0	Non protected	0	Non protected
1	 Protected against solid objects greater than 50mm	1	 Protected against dripping water
2	 Protected against solid objects greater than 12mm	2	 Protected against dripping water when tilted up to 15°
3	 Protected against solid objects greater than 2.5mmØ	3	 Protected against spraying water
4	 Protected against solid objects greater than 1.0mmØ	4	 Protected against splashing water
5	 Dust protected	5	 Protected against water jets
6	 Dust tight	6	 Protected against heavy seas
		7	 Protected against the effects of immersion
		8	 Protected against submersion

Light Refraction Chart

