rain technology

www.raintechnology.com

Infosheet

PASSENGER INFOTAINMENT DISPLAY (PID)

Learn more at **www.raintechnology.com**
Contact **sales@raintechnology.com**

Switch between No-Driver-Distraction mode and Shared driver and passenger viewing mode

Passengers want to enjoy entertainment content on the large display screens fitted to modern vehicles. But safety and regulatory requirements dictate that the driver must not be distracted by this content whilst driving.

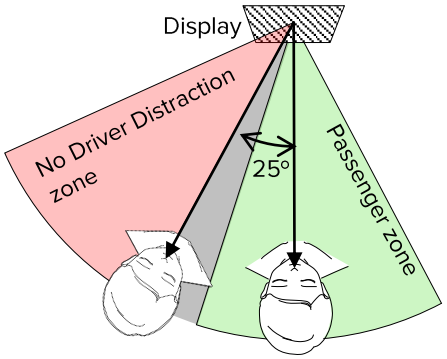
Rain Technology PID screen electronically switches between

1) **No-Driver-Distraction mode** where the light output from the display is precision-engineered to provide an infotainment image to the passenger that cannot be discerned by the driver

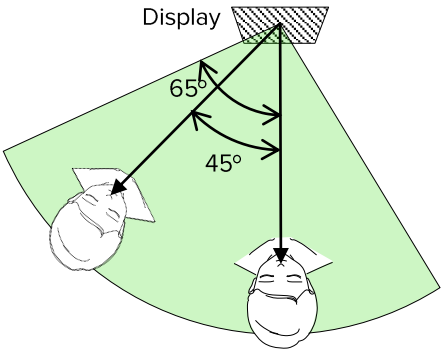
2) **Share mode** where both driver and passenger can enjoy the display, for example when the vehicle is in stationary, displaying map data, or in an approved self-driving mode.

Rain Technology delivers these asymmetric requirements across the wide range of light levels experienced in a vehicle cabin.

Rain Technology screen technology delivers:



No-Driver-Distraction mode: Quantifiably high performance at a 25° angle



Share mode: High performance viewing for driver and passenger when regulations allow

Rain Technology has an effective solution to prevent driver distraction from infotainment displays

- Touch screen compatible
- High brightness >1000nit screens
- Brightness automatically adjusted to suit ambient conditions and maintain no-driver-distraction
- Standard Black and high-performance reflective options
- Established supply chain to accelerate customer development programs
- Technology proven in millions of shipped products

Share Mode

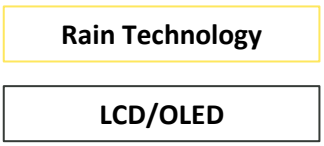
No-Driver-Distraction Mode

TECHNOLOGY

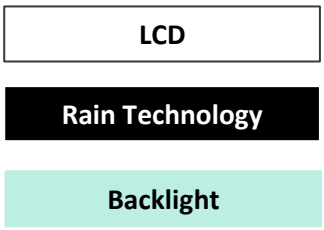
Rain's patent-protected technology:

- Adds thin optical layers to the front or back of the display panel
- Is compatible with standard LCDs and future OLED automotive displays
- Non-reflective versions have a black screen appearance
- Optional reflective version for premium NDD performance

COPPER STACK-UP



DARK STACK-UP



RAIN TECHNOLOGY IS EFFECTIVE IN MEETING THE MOST CHALLENGING NO-DRIVER-DISTRACTION PERFORMANCE LEVELS

Passenger's screen image is invisible to a driver beyond a 25° angle from bright sunlight though to nighttime cabin conditions