



Everlight have released three new infrared emitters for automotive applications. Their VS-FI3535 series is suitable for driver facial recognition and can perceive the driver's eyes and facial expressions to easily identify gaze focus, daze or distraction. The ALS-DPDIC17 series can be used for automatic dimming of rear view mirrors and dashboard lights; it's in a tiny package of just $2 \times 2 \times 0.63$ mm with 16-bit resolution, 160mA operating current, and a sensing luminance range of 0.0033 to 83,000 lx. And the IR12-21C/TR8-AM, paired with the PD12-21C/TR8-AM, provides improved accuracy and sensitivity in touch screens—even when the user is wearing gloves.