

Hyundai Mobis say they will begin series production of their mid-range front-facing radars and camera sensors for domestic (Korean) commercial vehicles starting next month. This will be the first time such sensors will be applied to commercial vehicles like trucks produced in Korea.



The radars and camera sensors are based on hardware and algorithms originally developed in house by HM, embedded with forward collision-avoidance assist systems with data convergence between radars and camera sensors to calculate a safe distance from the preceding vehicle and automatically reduces car speed in a dangerous situation. The front-facing camera sensors can analyse high-definition image data by applying multiple arithmetic systems.

Having developed camera sensors as well as short-, mid-, and long-range radar sensors earlier this year, HM are expanding their technology, obtained from the advanced driver support system in the automobiles category, to products specialised in commercial vehicles. The mid-range front-facing radars also have resolving power and distance resolution to identify multiple targets at once within a short distance and the same angle with the range of 170 metres, which HM say is the longest among commercial-vehicle sensors of this type.