SIEMENS VDO

Vehicle Integration of multiple ADAS HMI Concept and Architecture

Dr. J. Happe, M. Lütz2. Tagung "Aktive Sicherheit durch Fahrerassistenz"4. April 2006

















ro.pilot Concept Car elected Sensor Tech	nolo	gy				SIE	MEN	SVE
	Camera			Radar		Lidar	US	Others
pro.pilot functions	HDR Camera (Front)	HDR NIR Camera (Front)	FIR Camera (Front)	Short Range Radar 24 GHz UWB (Side)	Short Range Radar 24 GHz NB (Side)	Long Range Lidar (Front)	Ultrasonic (Side)	Digital Map
Blind Spot Detection				X				
Lane Change Assist					x			
Lane Departure Warning	х							
Traffic Sign Recognition	X							
Park Mate							x	
Night Vision (FIR)			x					
Traffic Lars Assist		X						
ACC (Lider based)	x							
ACC (LIGar Dased)				v	v	X		×
Sensitive Guidance				X	X			x















