VOC
VISION ON CHIP

ADAS MEASUREMENT
Logging/Reprocessing/HiLs

Equipment type
Supports Gateway type (need external PC) and Turnkey solution for all_in_one

PC interface of Gateway Supports 10G ethernet, USB 3.0, Thunderbolt3

Logged sensors
Suports sensors and data communications like CAMERA, CAN, AUTOMTIVE ETHERNET, FLEXRAY, I2C, UART, USER Type

Special Camera interface
Suports virtual channel, non-image data and Power-over-Coax for ADAS lvds camera

Time Synchronization
Very synchronization is achieved using H/W

DataBase Format
ADTF and ROSBAG

Logging and Reprocessing in One Device

Live data logging support while passing the data to the original receiver without tampering

Customization
Deep level and on-site for turnkey solution

Various Equipment Configuration
Large-to-Small and multi-Device chain using easy setup and configuration

Cost-effective
when a large number of engineers configure independent HILS systems
Can use a private computer even notebook pc

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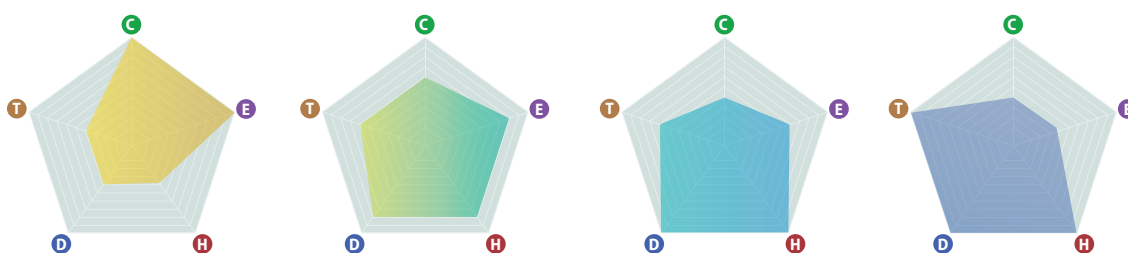Geumcheon-gu, Seoul, Korea

Products

	USB3.0	10 GBE	THUNDERBOLT3	PCIe	Turnkey Logger All in one for logger

C Cost   **E** Easy to use   **H** High Definition Camera   **D** Data rate   **T** Turnkey convenience

Specification

Type	GATEWAY					All in One
PC Interface	USB3.0		10 GBE		THUNDERBOLT3	PCIe	Embedded PC & Storage
Product Series	VL1411F	VL1412M	VL1400A	VL2303	VL5404T	VL5404P	VL5404
Connector	FAKRA		HSD	FAKRA	FAKRA	FAKRA	FAKRA
LVDS	FPD LINK3	GMSL2	GMSL2		GMSL3	GMSL3	GMSL3
Camera — Input Ch	4	2	2	3	4	4	16
Camera — Output Ch	2	2	2	3	4	4	16
Camera — Data type	RAW,YUV		RAW,YUV		RAW,YUV	RAW,YUV	RAW,YUV
CAN	2Ch CAN (FD)	2Ch CAN FD		2Ch CAN FD	2Ch CAN FD	2Ch CAN FD	Max 6Ch CAN FD
GAE(Gbit Automotive Ethernet)		2Ch GAE		2Ch GAE	2Ch GAE	2Ch GAE	Max 6Ch GAE
FlexRay			2Ch w/Cold				
Max Data rate for storage	2.5Gb/s		7Gb/s		18Gb/s	32Gb/s	64Gb/s
Function	Data Grabbing, Data Logging, Reprocessing and HiLS						
Application	ADAS cameras system developemnet like ADAS Front camera, SVC, DMS, OMS						