Intel® Onboard Fleet Services – K245 Driver Monitoring System
Hardware Specifications

Parameters	Specifications
Platform	Octa Core SOC, Capable of at least 1.8GHz
Memory	2GB RAM / 16GB internal storage
Expansion	MicroSD slot (up to 512GB support)
Wireless Interface	IEEE 802.11 a/b/g/n/ac (2.4GHz & 5GHz)
	Bluetooth® Minimum 4.2 BLE
	Basic/Assisted GPS support
	LTE FDD Band 1/2/3/4/5/7/8/20/28; LTE TDD Band 38/39/40/41; WCDMA Band 1/2/4/5/8; GSM 850/900/1800/1900MHz
NFC	NFC: MiFare®, FeliCa | RFID (HF): ISO14443A&B, ISO15693
Sensors	3-axis Accelerometer, 3-axis Gyro, Thermal Sensor
Camera	Outward: FOV: D: 140° / H: 110°/ V: 60°, Full HD 1920 x 1080 @ 30fps (configurable) Inward (IR): FOV: D: 140° / H: 110°/ V: 60°, Supporting at least Full HD 1920 x 1080 @ 30fps (configurable)
Physical Interface	Micro SD Slot, NanoSIM slot
	Mini USB x1 (supports 3rd cam, USB type)
	Built-in mic and speaker
All-in-one Connector	12~32V power input, IGN power on signal input (H active, 7~32V)
	GPIO x4: 1 out / 3 in (polling mode)
	RS232 (Tx/Rx)
LED Indicators	Indication of on-going video recording, WiFi/LTE active
Battery	10F SuperCAP
Power Consumption	Full run mode: 5W (12V/420mA) Parking mode: 50mW (12V/4.2mA)
Environment	-20° to +60°C (-4° to +140°F) operating temperature
	-30° to +85°C (-22° to +185°F) storage temperature
Certification	CE/CB, FCC/IC, RCM, BQB, ROHS, WEEE, PTCRB
Weight	213 gms