MSK 1520

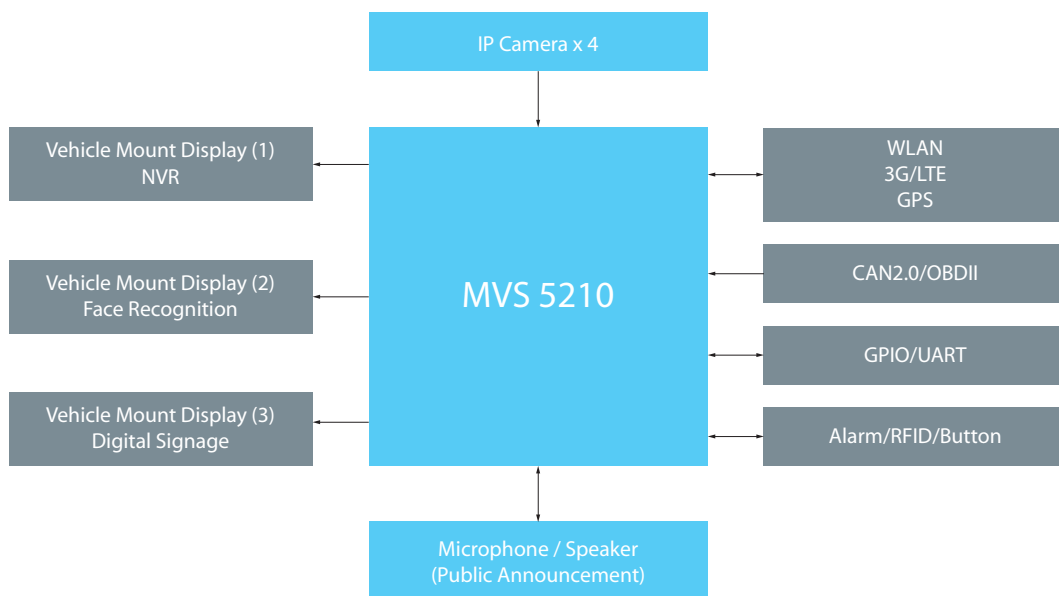## Main Features

- Multitasking PC + NVR + Tracker System
- 4 x 1080p IP Cameras
- 3 x Vehicle Mount Displays
- 1 x LED Message Board for Passenger Information System
- Embedded NVR
- Built-in G-Sensor
- Built-in GPS, Wi-Fi, 3G/LTE Modules

Product Overview

MSK 1520 performs 4-CH live view when keeping recording the video simultaneously without lags. It provides multitasking capability such as running video analytics software like face recognition or people counting continuously while video recording. MSK 1520 supports 2 removable extensive storage HDD/SSD capacity, and leverages wireless networks to simplify fleet management with capabilities such as remote, real-time video monitoring. Vehicle data integration and diagnostics are also carried out via CAN Bus and OBDII.

Block Diagram

Specifications

NVR System
* SoC-based System
* 8ch IP Camera Inputs
* H.264 Video Decoder
* Simultaneously Lifeview/Record/Playback

IP Camera x 4
* Full HD1080P @30fps
* 100dB true WDR
* IK10 and IP67 supported
* EN50155 certified

PC System
* 5th generation Intel® Core™ i7-5650U, 2.2GHz
* 8G DDR3L SO-DMIM
* U-blox NEO-M8N GNSS module for GPS/Gloness/QZSS/Galileo/Beidou
* 8-port PoE IEEE 802.3af conformity
* Windows 7 operation System

Vehicle Mount Touch Screen x 3
* 8" SVGA TFT LCD Monitor x 2
* 10.4" XGA TFT LCD Monitor x 1
* On screen control buttons
* Sunlight readable solution with 800cd/m²

I/O Interface
* 1 x switch for VGA input selection (NVR or PC)8 x RJ45 10/100/1000 Mbps PoE ports
* 2 x RJ45 10/100/1000 Intel® Fast Ethernet with LED
* 1 x 9~36VDC input with ignition and 80W typical power consumption
* 1 x dual USB type A connector for USB 3.0 port + USB 2.0 port
* 2 x phone jacks 3.5mm for 1 x Mic-in and 1 x Line-out
* 1 x DB-15 VGA, resolution up to 2560 x 1600 @60Hz
* 1 x DB26 LVDS interface with 12V and USB2.0
* 2 x DB-9 RS-232/422/485 (w/ optional 3KV isolation protection)
* 1 x 12VDC output (2A) + battery bypass DC output (2A) + SM Bus
* 1 x 16-pin terminal block connector
* 8 x GPIO

Dimensions
* 85.2cm (W) x 57.6cm (D) x 38.5cm (H)

Weight
* 46.42kg

Ordering Information

* **MSK 1520**
  Multitasking PC + NVR + Tracker System for Smart Bus, Fleet Management System, and Intelligent Vehicle Surveillance System

We reserve the right to change specifications and product descriptions at any time without prior notice.

Mobile NVR

Last update: 08/10/2016