MTA-3055

5.5” Vehicle Computer Embedded Fingerprint Scanner

- 4G LTE, stable Wi-Fi, ultrafast quad-core processor
- CPS & BDS, multi-channel external camera
- 5MP autofocus camera
- Fingerprint, barcode scanning and face recognition
- OBD data collection
- Bluetooth 4.0, supporting calls
- SMS, voice and recording functions
- Overall management of driving school vehicles

Physical Characteristics	
Dimension	188mm x 115mm x 29mm 7.40 x 4.53 x 1.14in
Display	5.5” 72OP TFT-LCD capacitive touch panel,16.7M colors, adjustable backlight brightness
Expansion Slot	1 SIM, 1 TF, 1 SD, 1 HF slot
Interface	Micro USB, USB type A, OTG, earphone
Input Mode	Touch input
Audio	Speaker, microphone; supporting voice calls
Keypad	8 function keys
Sensor	Gravity sensor, gyroscope
Performance	
Option 1	CPU: Qualcomm 1.3 GHz quad-core RAM+ROM: 2GB+16GB
Option 2	CPU: Qualcomm 1.3 GHz quad-core RAM+ROM: 1GB+8GB
Expansion	Supports a total of 64GB by SD and TF cards
User Environment	
Input Voltage	9V-60V
Operating Temp.	-4°F to 122°F / -20°C to 50°C
Storage Temp.	-40°F to 158°F / -40°C to 70°C
Humidity	5%RH - 95%RH non condensing
ESD	±8KV air discharge, ±4KV conductive discharge
Developing Environment	
Operating System	Android 5.1
SDK	Chainway Software Development Kit
Language	Java
Tool	Eclipse/Android Studio
Communication	
WLAN	IEEE802.11 b/g/n
WWAN(E)	2G: GPRS (900/1800MHz) 3G: WCDMA B1 B8 4G: FDD-LTE: B1 B3 B7 B8 B20
WWAN(N)	2G: GPRS (850/1900MHz) 3G: WCDMA B2 B5 4G: FDD-LTE: B2 B4 B5 B7 B17
WWAN(C)	2G: GPRS (850/900/1800/1800MHz) 3G: WCDMA : B1 CDMA EVDD: EVDD Rev.A800MHz TD-SCDMA: B34 B39 4G: TDD-LTE: B38 B39 B40B41 FDD-LTE: B1 B3
Bluetooth	Bluetooth 4.0
GNSS	GPS, A-GPS, BeiDou (optional)

Data Collection

Front Camera

GC 5MP Autofocus

External Camera (Optional)

Multi-channel (with infrared lamp), taking photos and videos simultaneously

Resolution	320 x 240, 640 x 480, 1280 x 720
Fps	YUY2: 720p/15fps, VGA/30fps, CIF/30fps
MJPEG	720p/30fps, VGA/60fps, CIF/60fps

RFID

HF	NXP
Frequency	13.56MHz
	ISO14443A/B, 15693
Chips	1) MF1 card (S50/S70), MF0 (Ultra light), MF3 (Desfire D4O/D41/D81), CPU_A card 2) CPU_B card 3) Others for customization

Fingerprint (Optional)

Sensor	TCS2SS
Size	256 x 288
Resolution	508DPI
Memory	1,OOO PCS fingerprints

Barcode Scanning (Optional)

*Barcode scanning is alternative to fingerprint recognition.

OBD (optional)

Protocol	OBDII, ISO9141-2, ISO14230(KWP), ISO15765(CANBUS)

Dimensions

Accessories

Wire harness

4G GPS external antenna

Metal Bracket

External camera (optional)

OBDmodule (optional)

Midas Touch, Inc

Tel: +886-2-8953-0862 Fax: +886-2-2952-8441
Email: contact@midastouchinc.com
http://www.midastouchinc.com
Address: 17F-16, No.1, Sec.1, Zhongshan Rd., Banqiao Dist., New Taipei City 22063, Taiwan (R.O.C)