ABOUT US

Shenzhen Unicair Communication Technology Co., Ltd. was established in April, 2008. And bulid-up as a modern and dynamic LTE/CDMA communication terminal ODM service provider, specialized in developing and manufacturing communication terminal solutions based on the advanced technology platforms of CDMA1X/EVDO/C+G/W+G/WCDMA/LTE/5G for world-wide customers.

Unicair is the Qualcomm licensee and strategic cooperation partner in China, and start to launch intelligent terminals based Android OS since 2011. And honored as "Double Soft" enterprise, Shenzhen Hi-Tech enterprise and China national Hi-Tech enterprise. Established 2 development centers including Shenzhen, Yantai and a manufacturing center in Dongguan.

Unicair will accelerate the 4G strategic layout, further deepen the R&D of IoT communication terminals, smartphones, 4G Push-to-Talk phones and other products, so as to provide users with more diversified LTE products, higher quality services and more perfect product experience, and actively explore preparations for the future 5G communication.

Relaying on strong development team, global marketing system and optimized product service, Unicair will continuously strengthen strategy to bring more diversified communication products, higher-quality service and better experience to customers.

With a principle of "Customer first, Efficient and down-to-earth management style", Unicair is helping customers providing more cost-effective and high quality products with latest technology.

1

3

2

1. R&D center located in Yantai City, Shandong.

2. R&D/Operation center in Shenzhen, Guangdong.

3. SMT factory located in Dongguang, Guangdong.

12

Qualcomm based IDH with over 12 years experience

600+

600+ staff & more than 140 of them are engineers

50

Over 50 million USD turn over last year

Main Business

- Qualcomm LTE platform telecom terminal PCBA development with hardware & software technical support services ;

- Industrial application telecom devices and AI communication equipment ODM services

- Consumer phone ODM and OEM services.

Manufacturing Services

- ISO9001/ISO14001 Management System

- Panasonic NPM SMT Lines

- 2KKpcs/M Manufacturing Capacity

- New Technique POP & 01005

ISO 9001 — QUALITY ASSURED FIRM — SQCC

ISO 14001 — ENVIRONMENT ASSURED FIRM — UCS

TUV Certified

Qualcomm License platforms

600	SDM632/MSM8953	SDM630/660	SDM662(SM6115)	
400	MSM8917/8920	SDM450	SDM460(SM4250)	**SM4350**
200	MSM8909	QM215		

All latest platforms available for us

Satellite & 4G Smartphone

Qualcomm snapdragon

World first satellite + 4G smartphone
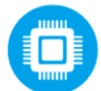
X5

Satellite : Thuraya

Satellite & 4G dual mode and dual standby communication over the world.

NFC Built-in NFC antenna
Snapdragon 625 Octa-Core 2.2GHz
5.2" FHD SCREEN 1920x1080px
RAM/ROM 2GB+16GB
Camera 2MP+8MP
DUAL SIM CARD SIM+Micro SIM / TF card
3800mAh Built-in
Quick Charge 5V/2A

Main Features

Feature	Description
Housing	Full plastic housing, support IP67
Networks/Bands	2G: GSM850/900/1800/1900MHz 3G: WCDMA Band 1/2/5/8; 4G: FDD-LTE Band1/3/5/7/8/20; TDD-LTE Band 40/41
Display	5.2" FHD 1920x1080px, multi-touch IPS display; Gorilla Glass
OS	Android 7.0.1 (GMS)
Platform	Qualcomm MSM8953(SDM625), Octa-core, A53 2.2GHz
Memory	2GB RAM, 16GB ROM; EMCP
Camera	Front: 2MP FF; Rear: 8.0MP AF
SIM/SD card slot	DSDS; 2x Nano SIM, 1x Micro SD card(up to 256GB)
Speaker	1W
Audio Jack	3.5mm stereo audio(CTIA); support earphone VOL+/-/ON/OFF; support PTT
USB Port	**USB2.0 Type-C; Quick Charge DC5V/2A**
Sensors	Gyroscope sensor, Accelerometer, Magnetic sensor, Proximity sensor, Light sensor, Barometer.
Wi-Fi	IEEE 802.11b/g/n/ac; Wi-Fi direct, Wi-Fi hotspot
Bluetooth	BT4.1 (BR/EDR+BLE, A2DP)
Location	Support GPS/AGPS/GLONASS/BEIDOU
Other Features	NFC, FM, Support VoLTE,
Languages	Support multi languages
Battery	3800mAh removable polymer Li-ion battery
Dimensions	142 x 77 x 17mm

Launched in July. 2018 (customer ODM project)

Push to Talk smartphone

DMR & 4G-LTE dual mode PTT smart phone

PDC550

Main Features

Networks	LTE/WCDMA/CDMA/TD-SCDMA/GSM
Display	5.0" HD+, 1440x720px, 2.5D IPS display, GG3
OS	Android 8.1
CPU	Snapdragon 450, 8x ARM Cortex A53, up to 1.8GHz
Memory	3GB + 32GB
Camera	Front: 5.0MP FF; Rear: 13.0MP AF with LED flash
SIM Card/SD card	2 x Nano SIM, 1 x Micro SD (up to 128GB)
Sensors	Gyroscope, Compass, Ambient Light/Proximity sensor, etc.
Speaker	Rated power 2.0 walts
Microphone	2+1 mic, support noise reduction
Charging	Customized charging dock, without USB port
Wi-Fi	IEEE 802.11b/g/n/ac(2.4G/5GHz); Wi-Fi direct, Wi-Fi hotspot
Bluetooth	BT4.1
Location	Support GPS/AGPS/GLONASS/BEIDOU
Other Features	Support VoLTE, NFC
Water & dust resistant	Support IP68 & MIL-STD-810 G standard
Battery	Removable 2400mAh polymer Li-ion battery (7.4V)
Dimensions	155*75*21.5mm

Launched in May, 2019 (customer ODM project)

2D/1D Scanner Smartphone

Qualcomm® snapdragon™

IoT handheld smart terminal with scanner

DT50

5.7" HD+ · 4300mAh · Snapdragon™660 · 64GB+4GB EMCP

Fingerprint · NFC built-in · IP67 Waterproof · QC4.0 9V/2A

Main Features

Networks/Bands (support Cat.12)	2G: GSM850/900/1800/1900MHz
	3G: WCDMA Band 1/2/4/5/8;
	   CDMA 1X/EVDO Rev. A BC0(B5)
	   TD-SCDMA Band 34/39
	4G: FDD-LTE Band1/2/3/4/5/7/8/12/17/19/20/28ab
	   TDD-LTE Band 34/38/39/40/41

Display	5.7 " HD+(FHD+ optional) , IPS 1440x720; Gorilla Glass
OS	Android 9.0
CPU	**Snapdragon 660**, Octa-core, Kryo 260 2.2GHz
Memory	ROM: 64GB, RAM: 4GB (ROM:128GB, RAM:6GB optional)
Camera	Front: 5MP FF; Rear: 16MP+2MP
SIM Card/SD card	2x Nano SIM, 1x Micro SD card(up to 256GB)
USB Port	USB2.0 Type-C; Quick Charge DC 9V/2A
Sensors	G-sensor, Gyroscope sensor, Magnetic sensor, Light sensor, Fingerprint sensor
Scanner	Barcode & QR code scanner (Honeywell)
Wi-Fi	IEEE 802.11b/g/n/ac(2.4G/5GHz); Wi-Fi direct, Wi-Fi hotspot
Bluetooth	BT5.0 LE
Location	Support GPS/AGPS/GLONASS/BEIDOU
Other Features	NFC, FM, Support VoLTE
Languages	Multi languages
Battery	Built-in 4300mAh polymer Li-ion battery
Dimensions	162.6 x 76 x 13.6mm

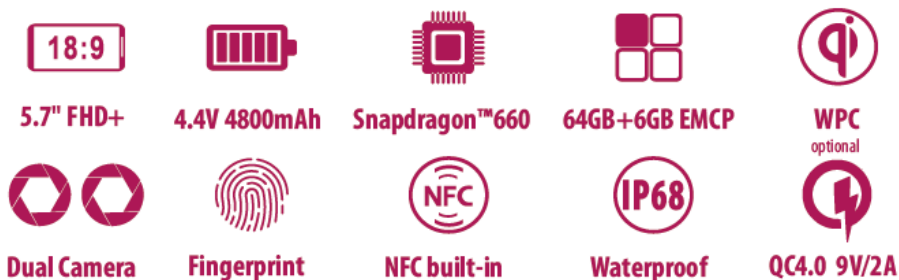## Launched in Aug. 2019 (customer ODM project)

Rugged Smartphone

Rugged 5.7″ 18:9 FHD+ display

H658

Main Features

Networks/Bands (support Cat.12)	2G: GSM850/900/1800/1900MHz 3G: WCDMA Band 1/2/4/5/8; CDMA 1X/EVDO BC0(B5) TD-SCDMA Band 34/39 4G: FDD-LTE Band1/2/3/4/5/7/8/12/17/19/20; TDD-LTE Band 34/38/39/40/41
Display	5.7 " FHD+ incell, 2160x1080px; IPS multi-touch; Gorilla Glass
OS	Android 9.0
CPU	**Snapdragon 660**, Octa-core, Kryo 260 2.2GHz
Memory	ROM: 64GB, RAM: 4GB (ROM:128GB, RAM:6GB optional)
Camera	Front: 8MP FF; Rear: 13MP+0.3MP
SIM Card/SD card	DSDS;1xMicro SIM; 1xMicro SIM or microSD card(up to 256GB)
USB Port	USB2.0 Type-C; Quick Charge DC 9V/2A
Sensors	G-sensor, Gyroscope sensor, Magnetic sensor, Light sensor, Fingerprint sensor
Wi-Fi	IEEE 802.11b/g/n/ac(2.4G/5GHz); Wi-Fi direct, Wi-Fi hotspot
Bluetooth	BT5.0 LE
Location	Support GPS/AGPS/GLONASS/BEIDOU
Other Features	NFC, FM, Support VoLTE
Languages	Multi languages
Battery	Built-in 4800mAh polymer Li-ion battery
Dimensions	157 x 76.1 x 13.65mm

Launched in Sept. 2018 (customer ODM project)

18:9
5.7" FHD+

4.4V 4800mAh

Snapdragon™660

64GB+6GB EMCP

WPC optional

Dual Camera

Fingerprint

NFC built-in

IP68 Waterproof

QC4.0 9V/2A

Rugged Smartphone

High cost performance U-Notch rugged smartphone

M1 Pro

6.088inch U-Notch, Support IP68

Main Features

Housing	Full plastic housing, support IP68
Networks/Bands	2G: B2/B3/B5/B8; 3G: WCDMA B1/B2/B4/B5/B8; 4G: FDD B1/B3/B5/B7/B8/B20 & B2/B3/B5/B7/B17/B28AB; TDD B38/B40
Display	6.088" HD+(1520*720) 19.5:9 IPS display, Gorilla Glass 3
OS	Android 10.0
CPU	**Qualcomm QM215**, Quad-core A53 CPU, 64bit 1.3GHz
Memory	ROM: 32GB, RAM: 3GB; EMCP
Camera	Facing Camera: 5.0MP FF; Main camera: 13.0MP AF
Video Recording	1920x1080@30fps streaming video
SIM Card/SD card	DSDS;1xNano SIM; 1x Nano SIM or microSD card(up to 128GB)
USB Port	USB2.0 Type-C; DC 5V/1.5A
Sensors	E-Compass, G-Sensor, Proximity Sensor, Light sensor
Wi-Fi	IEEE 802.11b/g/n(2.4GHz); Wi-Fi direct, Wi-Fi hotspot
Bluetooth	BT4.0
Location	Support GPS/AGPS/GLONASS/BEIDOU
Other Features	NFC, Support Dual VoLTE; Support 4G Push-to-Talk
Languages	Multi languages
Battery	Built-in 5000mAh polymer Li-ion battery
Dimensions	159.2 x 76.3 x 13.4mm

Launched in Mar. 2020 (customer ODM project)

Ultra Rugged Smartphone

Ultra-rugged smart phone with IP68/IP69 military-rated design (MIL-STD 810G)

Qualcomm® snapdragon™

XP8

32days stand-by	Glove/Wet finger mode
HD loud speaker	Thermostable & cold-resistant
Crush resistance	Waterproof
Dust proof	Drop resistance
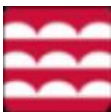
Main Features

Networks/Bands (support Cat.12)	2G: GSM850/900/1800/1900MHz 3G: WCDMA Band 1/2/4/5/8; CDMA/EVDO1: BC0/BC1/BC10 4G: FDD-LTE Band 1/2/3/4/5/7/8/12/13/14/20/25/26/27 /28/ 29/30/B66; TDD-LTE Band 38/39/40/41
Display	5.0 " FHD+ incell, 2160x1080px; IPS multi-touch; Gorilla Glass
OS	Android 8.1
CPU	**Snapdragon 630** Octa-Core @ 2.2GHz 64bit
Memory	ROM: 64GB, RAM: 4GB; EMCP
Camera	Front: 8MP FF; Rear: 12MP AF
SIM Card/SD card	DSDS; 2x Nano SIM; 1x microSD card(up to 128GB)
USB Port	USB2.0 Type-C; Quick Charge DC 9V/2A
Sensors	Accelerometer, Barometer, Light sensor, Fingerprint sensor
Wi-Fi	IEEE802.11 a/b/g/n/ac/r 2.4/5GHz; Wi-Fi direct, Wi-Fi hotspot
Bluetooth	BT5.0 BLE
Location	Support GPS/AGPS/GLONASS/BEIDOU
Other Features	NFC, FM, Support VoLTE; Support 4G LTE Push-to-Talk
Languages	Multi languages
Battery	4900mAh Li-Ion, Removable
Dimensions	152 x 79.5 x18 mm

Launched in May. 2018 (customer ODM project)

Ultra Rugged 4G PTT smartphone

Qualcomm snapdragon

Slim design 4G PTT smartphone;
Support IP68 & MIL-STD-810G

PNC550

Main Features

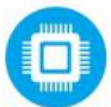|	
Housing	Full plastic housing, support IP68
Networks/Bands	2G: GSM900/1800MHZ; CDMA1x/EVDO: 800MHz 3G: WCDMA B1/B8; TD-SCDMA: B34/B39 4G: FDD B1/B3/B5/B8; TDD B38/B39/B40/B41
Display	5.0" HD 720x1280; Multi-touch screen, IPS
OS	Android 9.0
CPU	**Snapdragon 450**, Octa-core, A53 1.8GHz
Memory	ROM: 32GB; RAM: 3GB; EMCP
Camera	Facing Camera: 8.0MP FF; Main camera: 13.0MP AF
SIM Card/SD card	2x Nano SIM; 1x microSD card(up to 128GB)
USB Port	USB2.0 Type-C, 5V/2A or 9V/2A
Sensors	**Gyroscope sensor, E-compass,** Proximity Sensor, Light sensor
Wi-Fi	IEEE 802.11b/g/n(2.4GHz); Wi-Fi direct, Wi-Fi hotspot
Bluetooth	BT4.1 LE
Location	**Support GPS/AGPS/GLONASS/Galileo/BEIDOU**
Other Features	NFC, FM; Support VoLTE; Charging dock
Languages	Multi languages
Battery	Removable 4000mAh Li-ion polymer battery
Dimensions	156.6 x 76 x 14mm

Launched in Aug. 2019 (customer ODM project)

32days stand-by

HD loud speaker

Crush resistance

Waterproof

Dust proof

Drop resistance

Rugged 4G PTT Phone

High end rugged LTE PTT phone with 2.6" touch screen

T2

Main Features

Networks/Bands	2G: GSM850/900/1800/1900MHz 3G: WCDMA B1 4G: FDD B1/B3/B5/B7/B8/B28; TDD B40
Display	2.6" IPS LCD HVGA(320x432) with Touch Screen
OS	Android Nougat(7.1) GMS Supported
CPU	MSM8909(Snapdragon 210), Quad-core, A7 1.3GHz
Memory	16GB ROM + 2GB DDR3 RAM
Camera	Front: 2.0MP; Rear: 8.0MP (with LED flash)
SIM Card/SD card	USIM, Micro SD card(up to 32GB)
Sensors	E-compass, proximity sensor, acceleration sensor, Gyroscope sensor
Other Features	FM, Support VoLTE
Wi-Fi	IEEE 802.11b/g/n(2.4GHz); Wi-Fi direct, Wi-Fi hotspot
Bluetooth	BT4.2 LE
Location	Support GPS/A-GPS/GLONASS
Languages	Multi languages
Battery	3000mAh Li-ion polymer battery
Dimensions	143 x 65.7 x 20mm

Launch time: 2018 (customer ODM project)

4G PTT Call Ptalk2.0

MSM8909 Quad-Core 1.3GHz

2.6" Touch Screen HVGA 320x432px

RAM/ROM 2GB+16GB

Camera 2.0MP+8.0MP

IP68 Water Resistant IP67 or IP68

3000mAh Built-in

Quick Charge 5V/1.5A

Museum Guide Smartphone

6.3" 19:9 FHD+ In-cell v-notch display

D1

SUPRA_GUIDE
DIVA

The first guidance LTE smartphone in the world.

Indoor navigation   IR transceiver   Remote Guidance

Multichannel audio signal synchronous reception

Main Features

Networks/Bands (support Cat.12)	2G: GSM850/900/1800/1900MHz 3G: WCDMA Band 2/3/5/8 4G: FDD-LTE Band1/3/7/8/20
Display	6.3" FHD+ incell, 2340x1080px; IPS multi-touch
OS	Android 9.0
CPU	**Snapdragon 660**, Octa-core, Kryo 260 2.2GHz
Memory	ROM: 64GB, RAM: 4GB; EMCP
Camera	Front: 8MP FF; Rear: 16MP+0.3MP
SIM Card/SD card	DSDS;1xNano SIM; 1x Nano SIM or microSD card(up to 128GB)
USB Port	6PIN magnetic pogo-pin; Quick Charge DC 9V/2A
Sensors	Accelerometer, Gyroscope sensor, E-compass, Light sensor, Fingerprint sensor
Guidance connections	RF 823-870 MHz SRD (EU conform); IR-Transceiver; UWB (optional); DECT 6.0 Audio (optional)
Wi-Fi	IEEE 802.11b/g/n/ac(2.4G/5GHz); Wi-Fi direct, Wi-Fi hotspot
Bluetooth	BT5.0 LE
Location	Support GPS/AGPS/GLONASS/BEIDOU
Other Features	NFC, FM, Support VoLTE
Languages	Multi languages
Battery	Built-in 3500mAh polymer Li-ion battery
Dimensions	169.6 x 81 x 9mm

Launched in Oct. 2020 (customer ODM project)

Police Video Camera

4G LTE police law enforcement recorder

G5

Support real-time video streaming, 4G PTT talk,
IR night vision, SOS

Main Features

Housing	Full plastic housing, support IP68
Networks/Bands	2G: B2/B3/B5/B8; CDMA1x/EVDO: BC0 800MHz 3G: WCDMA B1/B2/B5; TD-SCDMA: B34/B39 4G: FDD B1/B3/B5/B8; TDD B34/B38/B39/B40/B41
Display	2.4" (240*320) TFT LCD IPS touch screen
OS	Android 9.0
CPU	**Snapdragon 450**, Octa-core, A53 1.8GHz
Memory	ROM: 16GB, RAM: 2GB; EMCP
Camera	Facing Camera: 2.0MP FF; Main camera: 16.0MP AF
Video Recording	1920x1080@30fps streaming video
SIM Card/SD card	1xMicro SIM; 1x microSD card(up to 128GB)
USB Port	USB2.0 Type-C; Quick Charge DC 9V/2A
Sensors	E-Compass, G-Sensor, Proximity Sensor, Light sensor
Wi-Fi	IEEE 802.11b/g/n(2.4GHz); Wi-Fi direct, Wi-Fi hotspot
Bluetooth	BT4.0
Location	Support GPS/AGPS/GLONASS/BEIDOU
Other Features	NFC, Support VoLTE; Support 4G Push-to-Talk
Languages	Multi languages
Battery	Removable 2700mAh polymer Li-ion battery
Dimensions	85 x 56.4 x 27.4mm

Launched in Nov. 2019 (customer ODM project)

Face Recognition Mobile Terminal

Qualcomm® snapdragon

Binocular face recognition attendance device

M10

Global top binocular face recognition algorithm and wide dynamic recognition technology

Main Features

Housing	Full plastic housing, support IP54
Networks/Bands	2G: B3/B8; CDMA1x/EVDO: 800MHz 3G: WCDMA B1/B5/B8; TD-SCDMA: B34/B39 4G: FDD B1/B3/B5/B8; TDD B34/B38/B39/B40/B41
Display	5.0" HD 720x1280; Multi-touch screen, IPS
OS	Android 8.1
CPU	Snapdragon 450, Octa-core, A53 1.8GHz
Memory	ROM: 16GB, RAM: 2GB; EMCP
Camera	Facing Camera: 5.0+5.0MP FF; Main camera: 5.0MP AF
SIM Card/SD card	DSDS; 1xSIM; 1xMicro SIM or microSD card(up to 128GB)
USB Port	USB2.0 Type-C
Sensors	Proximity Sensor, Light sensor
Wi-Fi	IEEE 802.11b/g/n(2.4GHz); Wi-Fi direct, Wi-Fi hotspot
Bluetooth	BT4.1 LE
Location	Support GPS/AGPS/BEIDOU
Other Features	NFC, FM; Support VoLTE; FPC connection port
Languages	Chinese, English
Battery	3500mAh Li-ion polymer battery
Dimensions	146 x 74 x 20mm

Launched in Nov. 2019 (customer ODM project)

THANKS!

Unicair Communication Technology Co., Ltd.

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