

5.65" Rugged Smartphone

RUGGED. RELIABLE. READY FOR INDUSTRY.

CC-VD5021 5G Rugged Smartphone is built for demanding environments, powered by a MediaTek Dimensity 6300 octa-core processor, 8GB RAM, 256GB storage, and a 5,500mAh battery. Featuring a 5.65" HD IPS display with 600 cd/m² brightness and a versatile quad-camera system with 64MP main, 25MP night vision, 2MP macro, and 16MP front cameras, it delivers reliable performance, durability, and connectivity with IP68/IP69K and MIL-STD-810H protection.



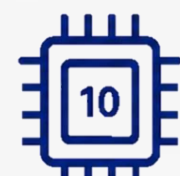
5.65" FHD
IPS



8GB
RAM



256GB
Storage



Dimensity 6300
Octa Core



64/25/16MP
Camera



5G+ Dual
SIM Support

KEY FEATURES

- ✓ 5.65" IPS Display with 600 cd/m² Brightness
- ✓ MediaTek Dimensity 6300 Octa-Core Processor
- ✓ 8GB RAM + 256GB Storage
- ✓ 64MP Main + 25MP Night Vision + 2MP Macro Camera
- ✓ 5G + Dual Nano SIM Support
- ✓ Android 14 Operating System
- ✓ IP68/IP69K Waterproof & MIL-STD-810H Rugged Design
- ✓ 5,500mAh High-Capacity Battery with Fast Charging
- ✓ NFC, GPS, GLONASS, BeiDou, Galileo & Wi-Fi 6

TECHNICAL SPECIFICATIONS

NETWORK	
Technology	2G / 3G / 4G LTE / 5G
5G Bands	N1/N2/N3/N5/N7/N8/N20/N25/N28/N38/N40/N41/N66/N71/N77/N78/N79
Wi-Fi	IEEE 802.11a/b/g/n/ac/ax, Wi-Fi 6
Bluetooth	Bluetooth 5.2
GNSS	GPS / A-GPS / GLONASS / BeiDou / Galileo, L1+L5
DISPLAY	
Size	5.65 Inch
Type	Gorilla Glass V Glove Touch IPS Touch Screen
Resolution	1440 x 720px, 600 cd/m ²
Touch	Glove Touch Support
PROCESSOR, RAM & STORAGE	
Chipset	MediaTek Dimensity 6300
CPU	Octa-Core, up to 2.4GHz, 6nm
GPU	Mali-G57 MC2
OS	Android 14.0
RAM	8GB
Storage	256GB
CAMERA	Front Camera 16MP Main Camera 64MP Night Vision 25MP Macro Camera 2MP Flash LED Flashlight
BATTERY	Built-in 5.4V/5500mAh Lithium-Ion Polymer Battery
BODY	
Dimensions	163.4 × 80.8 × 14.5 mm
Weight	283 g
SIM	Nano-SIM + Nano- SIM
Protection	• IP68/69K Dust & Water Resistant • MIL-STD-810H Rugged Design

Other

I/O Interfaces	• USB C-Type x 1 • SIM Slot x 2 • 3.5mm Audio Jack x 1
Material	Metal+plastic
Color	Black / Black-Yellow / Black-Green
Languages	Multi-language
Buttons	Power Button ×1, Volume +/−, Custom Button ×1
Sensor	Acceleration Sensor, Gravity Sensor, Light Sensor, Proximity Sensor, Geomagnetic Sensor, Gyro Sensor
Accessories	• Power Adaptor x 1 • USB Cable x 1

OUR PRODUCTS

- Rugged & Industrial Panel PCs
- Rugged & Industrial Displays
- Rugged Tablet PCs
- Rugged Laptops
- Embedded Fanless BOX PCs
- Rugged Workstations & Servers
- Rugged Ethernet Switches
- Rugged foldable workstation
- Rugged Smartphone
- Custom Built Solutions

OTHER FUNCTIONS

NFC	Supported
Fingerprint	Supported
Face ID	Supported
IR Blaster	Supported
OTG	Supported
Widevine L1	Supported

Side View



Industrial Applications

