

A decorative graphic on the left side of the page, consisting of several hexagons of varying shades of blue. One hexagon is solid blue, while the others are outlined in a lighter blue. They are arranged in a cluster, with some overlapping.

技术规格书

**4G Smart Law Enforcement Audio-Video
Recorder
D10**



1. Product Overview



The D10 is a novel intelligent law enforcement recorder developed by our company, integrating modules for high-definition video transmission, video conferencing, voice-based dispatching, 4G/Wifi connectivity, Bluetooth, GPS positioning, and SOS alerts. It works in tandem with the MCS8 multimedia communication system platform to enable remote command and dispatch capabilities for mobile personnel. This device is widely applicable across various government agencies including public security, prosecution, judiciary, armed police, industry and commerce administration, taxation authorities, power utilities, and railway departments.

2. Functional Features

1. Android operating system with low power consumption and stable performance
2. H.264 encoding compression technology offers higher efficiency and better memory utilization.
3. Supports various resolutions including 1080P, 720P, and 480P, featuring ultra-low bitrate transmission and a hardware-based dual-bitstream design.
- 44 megapixels, JPEG format
5. Supports NFC (Near Field Communication), allowing ID card information and electronic tags to be read for mobile attendance tracking (optional).
6. Equipped with built-in 4G, WIFI, and Bluetooth communication modules, supporting GPS or Beidou (optional) positioning functions.
7. Supports cluster voice scheduling; features include single call and group call

- 8. Supports video conferencing, teleconferencing, file sharing, SMS, and other features
- 9. SOS function: Supports sending alarm messages to the platform
- 10. Supports ONVIF and GB28181 protocols
- 11. Supports secondary development and provides SDK interfaces for further development

3. Product Specifications

Basic Hardware Specifications	
Device Type	2.4-inch display with TP touch support, IP68 rating
key	Power button, One-touch recording, One-touch video recording, Intercom button, Photo button, SOS button
Development Platform	8 cores
Network Standard	GSM/TD-SCDMA/WCDMA/CDMA2000/TDD-LTE/FDD-LTE
network frequency	2G:GSM : B2/B3/B5/B8 3G:TD-SCDMA: B34/B39 WCDMA: B1,B2, B5, B8 4G:TDD-LTE: B34/B38/B39/B40/B41M FDD-LTE: B1,B3,B5, B7,B8,B12/17,B20,B28A,B28B
data service	GPRS/EDGE/HSPA/cat4 LTE
internal storage	2GB+16GB
SIM Card	Single Nano Card
Extended	support

Storage Card	
weight	Back clip: 195g
size	Machine dimensions: 90*59*26.25 mm
LCM	2.4 Screen
I/O Interface	Type-C charging, software upgrade capability, data transmission, and OTG support with 5V output
Main Back Camera	Supports 2K video;
Rear secondary camera	500W zoom, 82-degree field of view
Front Camera	500W,76 degrees, fixed focal length
Hand flashlight Functions	support
Laser Positioning Light	support
infrared lamp	Supports night vision for clear visibility of outlines at 10 meters
flash lamp	support
Red and blue	Support: One set (one red and one blue)

warning lights	
cell	Removable main battery: 3050 mAh
Built-in small battery	70MAH (battery replacement without power outage)
loudspeaker	Waterproof speaker, power: 2.5 W
MIC	Dual MIC
Signal indicator light	One each of red, yellow, and green.
WiFi	Supports 2.4/5 GHz Wi-Fi
PDA	BT5.0 (BR/EDR+BLE , A2DP)
GPS + BeiDou	GPS, BD, GLONASS, GALILEO
G-SENSOR	Supports 3D G-SENSOR
gyroscope	support
light sensation	support
NFC	Optional
motor	support
charge	Supports 2A charging
Chair	Supports data collection, charging, and 5 contact points

charging	
Basic Software Functions	
System Version	android12
language form	Default language: Chinese, supports multiple languages
Video Compression Format	H.264/H.265
Intercom Function	support
OTA upgrade	support
APP Call	The system provides dedicated interfaces for calling APP functionality.

5. Packaging List

order number	project	quantity	unit	remarks
1	Law Enforcement Equipment Host	1	Table	
2	3050mAh battery	1	block	
3	Dedicated charging station (dual charging)	1	individual	Optional
4	TYPE-C Data Cable	1	twig	
5	Long-shoulder clamp	1	individual	
6	Power Adapter	1	individual	

7	user's manual	1	stem or root of plants	
8	certificate	1	Zhang	
9	warranty card	1	Zhang	
10	packing box	1	Set	

The photos, graphics, charts, and illustrations provided in this manual are for illustrative purposes only and may differ from actual products; please refer to the physical product. The company may update this manual due to product version upgrades or other requirements.