



## iDS-MCD202-B(S) 2 MP Network Portable IR Speed Dome



### Introduction

iDS-MCD202-B(S) is a high-definition integrated portable IR speed dome embedded with audio encoding/decoding, video encoding/decoding, 3G/4G, Wi-Fi, and satellite positioning. It integrates vehicle arming, etc., widely applied in temporary operation scenes.

### Key Feature

#### Video

- 1/2.8" progressive scan CMOS; 1920 × 1080/1280 × 720 resolution
- H.265/H.264/MJPEG video compression
- 30× optical zoom, 16× digital zoom
- HLC/BLC/3D DNR/Defog/EIS
- Up to 100 m IR distance

#### Storage

Built-in dual TF card slots, up to 256 GB for each TF card

#### Communication Module

One 4G module and two extended 4G modules; 802.11 b/g/n/ac Wi-Fi; GPS positioning module; Bluetooth 4.0

#### Usability

- Quick installation with the magnetic base and the tripod bracket
- Wi-Fi AP, which allows you to connect the mobile phone to the camera directly and control the camera conveniently
- Pluggable battery for continuous work for 9 hours
- Replaceable battery for sustainable work
- 360° endless pan and -20° to 90° (auto -flip) tilt movement range for PTZ
- Embedded screen for status display, e.g. battery, GPS, 3G/4G, record status, storage capacity, Bluetooth, platform access, Wi-Fi, and smart algorithm mode
- Supports accessing via IE browser and client, and remote operation
- Supports importing customized audio, linking with smart analysis alarm

## Smart Function

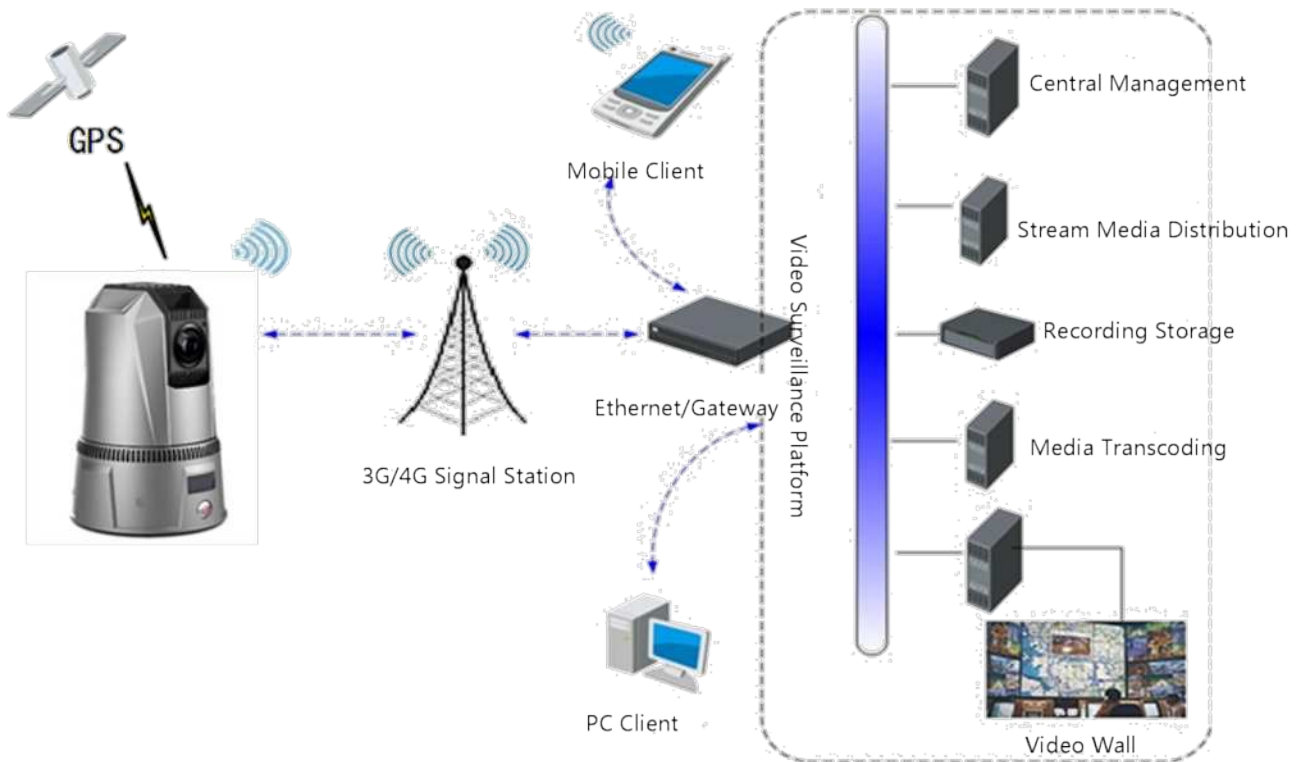
Vehicle detection and capture

## Available Model

iDS-MCD202-B/30X/N/GLE

iDS-MCD202-BS/30X/N/GLE

## Typical Application



## Specification

Camera Module	iDS-MCD202-B/30X/N/GLE	iDS-MCD202-BS/30X/N/GLE
Image Sensor	1/2.8" progressive scan CMOS	
Min. Illumination	Color: 0.05 Lux@(F1.6, AGC ON) B/W: 0.01 Lux@(F1.6, AGC ON) 0 Lux with IR	
S/N Ratio	> 56 dB	
TF Card	Built-in dual TF card slots, up to 256 GB per card	
Video Standard	PAL/NTSC	
White Balance	Auto	
Shutter Time	1/1 s to 1/30,000 s	
Day & Night	IR cut filter	
Digital Zoom	16×	
Focus Mode	Auto/Semi-automatic/Manual	
WDR	Digital WDR	
<b>Lens</b>		
Focal Length	4.5 mm to 135 mm, 30× optical	
Zoom Speed	Approx. 4 s (optical lens, wide-tele)	
FOV	Horizontal field of view: 65.1° to 2.34° (wide -tele)	
Working Distance	10 mm to 1500 mm (wide-tele)	
Aperture Range	F1.6 to F4.4	
<b>IR</b>		
IR Distance	Up to 100 m (body outline is available)	
IR Intensity	Automatically adjustable, depending on the zoom ratio	
<b>Compression Standard</b>		
Video Compression	H.265/MJPEG/H.264	
H.264 Type	Baseline profile/Main profile/High profile	
H.265 Type	Main profile	
Video Bitrate	32 Kbps to 16 Mbps	
Audio Compression	G.711a, G.711u, G.722.1	
<b>Image</b>		
Resolution	Main stream: 50 Hz: 25 fps (1920 × 1080), 60 Hz: 30 fps (1920 × 1080) Sub-stream: 50 Hz: 25 fps (1920 × 1080), 60 Hz: 30 fps (1920 × 1080)	
Image Enhancement	HLC/BLC/3D DNR/Defog/EIS	

<b>PTZ</b>	
Movement Range (Pan)	360° endless
Movement Range (Tilt)	-20° to 90° (Auto -flip)
Arming Location	256 arming locations 8 scan patrols
<b>Network</b>	
Communication	FDD LTE (Band 1, Band 3, Band 7, Band 8, and Band 20), WCDMA/HSDPA/HSUPA/HSPA+ (Band 1, Band 8), GSM/GPRS/EDGE (900 MHz/1800 MHz), Double 3G/4G modules (customized)
Wi-Fi	802.11 b/g/n/ac, 2.4 GHz/5 GHz, supporting Wi-Fi AP remote live view
GPS System	Supports GPS/BDS/mixed positioning
Protocols	EHome 2.0, ISUP, ISAPI, SDK, ONVIF
<b>Interface</b>	
Network Interface	1 RJ45 10 M/100 M Ethernet Interface
Bluetooth	BT 4.0
Audio Input	Dual mic
Audio Output	Loudspeaker
<b>Smart Function</b>	
Vehicle Arming	Supports checkpoint. Supports recognition of vehicle license plate number, color, type, and brand.
<b>External Interface</b>	
10-Core Main Aviation Plug	RS-232, RJ45, power supply
9-Core Secondary Aviation Plug (optional)	RS-485, 1 LINE IN/LINE OUT, 5 V output, 1 alarm input/output
<b>General</b>	
Power	12 VDC
Consumption	10 W in typical when 4G, Wi-Fi, Bluetooth, and PTZ rotating are off
Battery Life	9 hours in standby status when 4G, IR, Wi-Fi, PTZ, and storage are off)
Battery Capacity	13400 mAh
Package	Yellow package                      Metal box
Working Environment	Working Temperature: -10 °C to 55 °C (14 °F to 131 °F) Working Humidity: ≤ 95% (no condensation)
Protection Level	IP66 standard; TVS 2000 V lightning protection, surge protection, and voltage transient protection

Package Dimension	340 × 235 × 330 mm (13.4" × 9.3" × 13")	520 × 330 × 210 mm (20.5" × 13" × 8.3")
Net Weight	Approx. 3.7 kg (8.16 lb)	
Rough Weight	Approx. 5.9 kg (13 lb)	Approx. 10.1 kg (22.3 lb)
Accessory	<ul style="list-style-type: none"> <li>1 × AC power cable</li> <li>1 × adapter</li> <li>1 × battery</li> <li>1 × safety rope</li> <li>1 × screwdriver</li> <li>1 × 10-core main aviation cable</li> </ul>	<ul style="list-style-type: none"> <li>1 × AC power cable</li> <li>1 × adapter</li> <li>2 × battery</li> <li>1 × safety rope</li> <li>1 × screwdriver</li> <li>1 × 10-core main aviation cable</li> <li>1 × mobile adapter</li> <li>1 × battery charger</li> </ul>

### Accessory (Optional)



Battery Charger  
DS-MH1491



Tripod  
DS-MH1691-H



Durable Case

## Dimension

