

iDS-MCD20M 4G Mini Portable Speed Dome



- 1/2.9" progressive scan CMOS; 1920 × 1080/1280 × 720 resolution
- H.265/H.264 video compression
- Up to 10 m IR distance
- Built-in TF card slot, up to 512GB
- Support 4G, Wi-Fi, GPS
- 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
- Built-in battery for continuous work for 12 hours
- 355° pan and -2.5° to 52° (auto-flip) tilt movement range for PTZ

▪ Specification

Camera	
Image Sensor	1/2.9" progressive scan CMOS
Zoom	4x Digital
Max. Resolution	1920 × 1080
Min. Illumination	Color: 0.015 Lux@ (F1.0, AGC ON)
Day & Night	Switch IR Cut Filter Automatically
Lens	
Focal Length	3.8 mm fixed lens
Aperture	F2.0
FOV	Horizontal FOV: 80° Vertical FOV: 44° Diagonal FOV: 98°
Video	
Video Compression	H.264, H.265
Video Format	PS
Main Stream	25 fps (1920 × 1080, 1280 × 720, 704 × 576, 704 × 288, 352 × 288)
Sub-Stream	25 fps (1280 × 720, 704 × 576, 704 × 288, 352 × 288)
Audio	
Audio Compression	G.711ulaw, G.711alaw, G.722.1
Audio Bit Rate	64 Kbps (G.711ulaw/G.711alaw), 16 Kbps (G.722.1)
Image	
Image Format	JPEG
Storage	
RAM	128MB
ROM	Default 64 GB, 128 GB/256 /512GB optional
IR	
IR Range	Up to 10 m
IR Wavelength	850 nm
Wireless Network	
Positioning Mode	GPS
Wi-Fi Frequency Band	2.412 to 2.472 GHz
Wi-Fi Protocol	802.11 a/b/g/n
Cellular Network	Available for models with '/GLE', '/GLE/PIR': GSM: 850/900/1800/1900 WCDMA: B1/B8 FDD -LTE: B1/B3/B5/B7/B8/B20 TDD -LTE: B38/B40/B41
Network	
Protocol	HTTPS, RTSP, NTP, FTP
API	ONVIF (PROFILE S, PROFILE G, PROFILE T), ISAPI, SDK, ISUP
Interface	
Indicator	1 Indicator for Charging/Working/Recording/Exception
Button	Power
SIM Card	Available for models with '/GLE' : 1 (Nano-SIM card slot)
Ethernet	1 RJ45 10M/100M/1000M self-adaptive ethernet port(s)

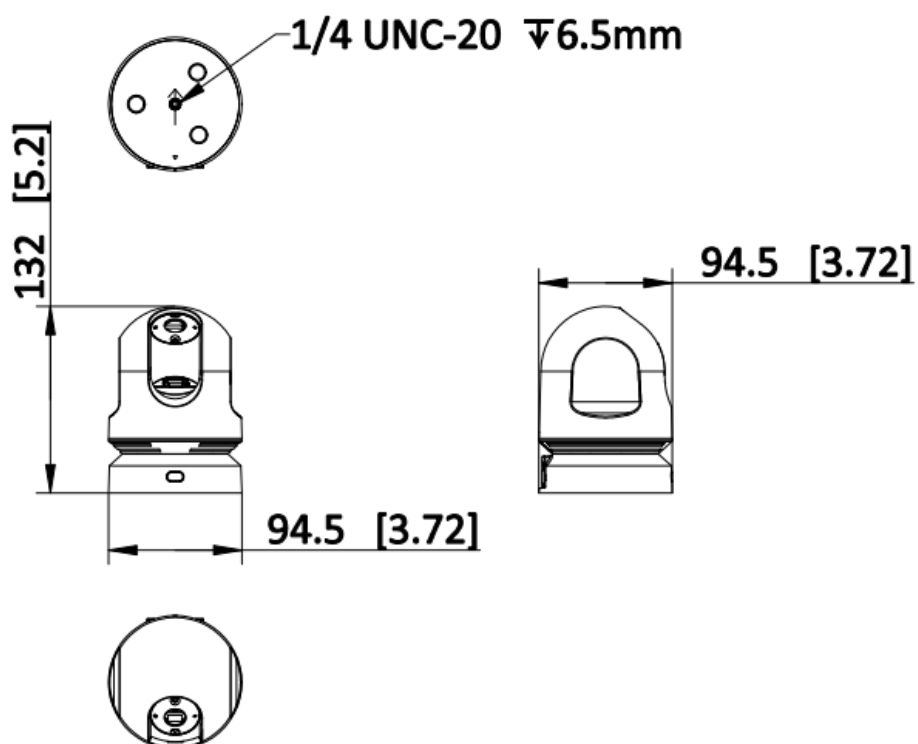
Charging Interface	Type-C
Extended Storage	1 Built-in memory card slot, up to 512 GB, supporting TF card
USB	USB 2.0
Audio	1 built-in mic(s), 1 speaker(s)
General	RJ45 port, USB port
PTZ	
Pan	0°~355°
Tilt	-2.5° to 52° (Auto-flip)
General	
Operating Condition	-20 °C to 60 °C (-4 °F to 140 °F), Humidity 95% or less (non-condensing)
Operating System	Linux
Storage Condition	-30 °C to 70 °C (-22 °F to 158 °F). Humidity 95% or less (non-condensing)
MIC	Supported
Speaker	1 Built-in speaker, Max. power consumption: 1.2 W, Max. sound pressure level: 95 dB (10 cm)
Client	Hik-Connect, HikCentral Pro, HikCentral Master
Web Browser	Plug-in required live view: IE 10+ Plug-in free live view: Chrome 57.0+, Firefox 52.0+ Local service: Chrome 57.0+, Firefox 52.0+
Dimension	94.5 mm × 94.5 mm × 132 mm (3.72" × 3.72" × 5.2")
Power	5 VDC, 2.0 A, max. 10 W
Weight	380 g (without mounting) (1.54 lb.)
Installation Method	Desk-Mounted, Wall-Mounted, Tripod-Mounted, Movable Bracket
Packing List	1 × USB cable, 1 × wall mounted bracket
Battery	
Battery Type	Lithium-ion battery, integral
Capacity	3220 mAh
Charging Time	≤ 4 h
Battery Life	Up to 12 h in 720p resolution ¹
Approval	
RF	EN 300 328 V2.1.1(BT or 2.4G); EN 62311:2008(BT or 2.4G); EN 55032:2015; EN 61000-3-2:2014; EN 61000-3-3:2013; EN 50130-4:2011 +A1:2014);
EMC	CE-EMC: EN 55032: 2015, EN 61000-3-2:2019, EN 61000-3-3:2013, EN 50130-4:2011 +A1: 2014
Safety	CB: IEC 62368-1: 2014+A11, IEC 62368-1: 2018 CE-LVD: EN 62368-1: 2014/A11: 2017, EN IEC 62368-1:2020+A11:2020 CE-LVD: EN 62368-1:2014/A11: 2017
Environment	CE-RoHS: 2011/65/EU, WEEE: 2012/19/EU, Reach: Regulation (EC) No 1907/2006
Warranty	
Warranty	2 years for the device, 1 year for the battery

1: This is a basic estimation of battery working life only when recording is on. Additional power consumption should be considered when IR, GPS, and/or network connection is on.

▪ Available Model

iDS-MCD20M/64G/GLE

▪ Dimension



L × W × H: 94.5 mm × 94.5 mm × 132 mm (3.72 × 3.72 × 5.2)

Camera Mounting Hole[mm]	Camera Mounting Hole[inch]	Unit: mm [inch]	
6.35	1/4	SCALE	1:1

See Far, Go Further



www.hikvision.com
support@hikvision.com



© Hangzhou Hikvision Digital Technology Co., Ltd. Unless otherwise agreed, Hikvision makes no warranties, express or implied. We reserve the right to introduce modifications without notice.

HIKVISION®