



Mobile Onboard Video System

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HIKVISION[®]

Mobile Onboard Video System

- 03 Analog Camera
- 05 Dashboard Camera
- 07 Digital Video Recorder
- 09 Network Camera
- 12 Network Video Recorder
- 16 Mobile Accessories



Mobile Onboard Video System

Hikvision's Mobile Onboard Video System is designed for easier and smarter supervision, scheduling, and emergency response of buses, taxis, trucks, and other types of vehicles. The system enables real-time monitoring of vehicles interior and their surroundings along with high precision positioning of vehicles. The system's video analytics capabilities ensure that abnormal driving behaviors can be promptly and accurately detected and drivers can be instantly alerted, protecting them and their passengers from potential incidents. Should an incident such as pickpocketing or traffic accident occur, video footage with key data can be exported to law enforcement agencies as forensic evidence. The system also features a powerful platform software for live view, video playback, GIS map, device health monitoring, emergency alarms, and more.











Mobile Onboard Video System Analog Camera

- > Up to 2 MP @ 25 fps
- > Indoor / outdoor housings in a variety of models
- > With high-definition analog video monitoring technology, uncompressed and high-resolution video transmits perfectly
- > Real-time monitoring of public transportation
- > Local recording and remote downloading of HD video

Analog Camera





Model	AE-VC1(2)22T-IT(S)	AE-VC124T-IT	AE-VC211T-IRS	AE-VC1(2)53T-IT	AE-VC161T-ITS	AE-VC1(2)52T-S
Image	 HOT	 HOT	 HOT	 HOT	 HOT	 HOT
Image Sensor	Progressive Scan CMOS	Progressive Scan CMOS	Progressive Scan CMOS	Progressive Scan CMOS	Progressive Scan CMOS	Progressive Scan CMOS
Resolution	AE-VC122T-IT(S): 1280 × 720 AE-VC222T-IT(S): 1920 × 1080	1280 × 720	1964 × 1116	AE-VC153T-IT: 1280 × 720 AE-VC253T-IT: 1920 × 1080	1296 × 732	AE-VC152T-S: 1280 × 720 AE-VC252T-S: 1920 × 1080
Min. Illumination	0.1 lux @ (F1.2, AGC ON), 0 lux with IR	0.1 lux @ (F1.2, AGC ON), 0 lux with IR	0.01 lux @ (F1.2, AGC ON), 0 lux with IR	0.1 lux @ (F1.2, AGC ON), 0 lux with IR	0.1 lux @ (F1.2, AGC ON), 0 lux with IR	0.1 lux@(F1.2,AGC ON)
Lens	2.1 mm, 2.8 mm, 3.6 mm	2.1 mm, 2.8 mm	2.8 mm, 3.6 mm, 6 mm	2.1mm, 2.8 mm ,3.6 mm	Fore Sight: 2.1 mm, 2.8 mm Back Sight: 2.1 mm, 2.8mm	2.1 mm, 2.8 mm
IR Range	10-20 m	10-20 m	10-20 m	15 m	10 m	10 m
Angle Adjustment	Pan: 0° - 60°; Tilt: 0° - 50°; Rotation: 0° - 360°	Pan: 0° to 360°; Tilt: 0° to 60° Rotation: 0° to 360°	Pan: -30° to 30°, Tilt: 0° to 75° Rotate: -180° to 180°	Tilt: 0° to 90°	Fore Sight: Bracket Angle Adjustment Range: 0° to 90° Back Sight: Pan: 0° to 360° Tilt: 0° to 60°; Rotation: 0° to 360°	Pan: 0°; Tilt: 0°; Rotation: 0°, Bracket Angle Adjustment Range: 0° to 180°
Operating Temperature	-40 °C to 75 °C (-40 °F to 167 °F)	-40 °C-75 °C(-40 °F-158 °F)	-40 °C to 75 °C (-40 °F to 167 °F)	-40 °C to 75 °C (-40 °F to 167 °F)	-30 °C to 65 °C (-22 °F to 149 °F)	-30 °C to 65 °C (-22 °F to 149 °F)
Operating Humidity	90% or less (non-condensing)	90% or less (non-condensing)	90% or less (non-condensing)	90% or less (non-condensing)	90% or less (non-condensing)	90% or less (non-condensing)
Audio In	(S): Built-in Microphone	-	Built-in Microphone	-	Built-in Microphone	Built-in Microphone
Audio Out	1-ch, Aviation Port (Output Impedance: 1KΩ±10%)	-	1-ch, Aviation Port (Output Impedance: 1KΩ±10%)	-	2-ch, Aviation Port (Output Impedance: 1KΩ±10%)	1-ch, Aviation Port (Output Impedance: 1KΩ±10%)
Frame Rate	25 fps	25 fps	25 fps / 30 fps	25 fps	25 fps	25 fps
Power Supply	9-16 VDC	6-16 VDC	12 VDC ± 15%	9-16 VDC	9-16 VDC	9-16 VDC



Mobile Onboard Video System Dashboard Camera

Hikvision's Dashboard Camera supports live view, footage playback, and parameter configuration on the mobile app. Excluding video monitoring, the G4 dashboard camera supports driver facial recognition and driving behavior analysis and it can be used in taxis, police cars, trucks, and more.

- > Built-in GPS, Wi-Fi, 4G mobile technology (optional)
- > Direct linkage with mobile app via Bluetooth or Wi-Fi
- > TF card with max 128 GB
- > Built in gyro for collision trigger emergency recording
- > G4 Dashboard Camera supports front-end driver facial-recognition attendance, and people counting. It also supports driving behavior detection, such as using mobile phones, smoking, driving while drowsy, etc.

Model	AE-DI5042-G4	AE-VC143T-ITS	AE-VC154T-IT	AE-DN2016-F3(Pro)
Image			 HOT	
Image Sensor	Progressive Scan CMOS	Progressive Scan CMOS	Progressive Scan CMOS	Progressive Scan CMOS
Resolution	1440P	720P	720P	1080P
Min. Illumination	0.1 Lux@(F1.2,AGC ON)	0.1 Lux@(F1.2,AGC ON)	0.1 Lux@(F1.2,AGC ON)	-
Lens	-	2.1mm	6mm	-
IR Range	5m	5m	3m	-
Angle Adjustment	153°(diagonal), 127°(horizontal)	-	52 °(Horizontal),28 °(Vertical), 60 °(Diagonal)	135°(Diagonal), 115°(Horizontal)
Smart Event	Supports front-end driver facial- recognition attendance and people counting Supports detection of driver absent minded, making phone calls	Supports passenger people counting (Working with AE-DI5042-G4)	Supports face capturing, recognition and uploading(Working with AE-DI5042-G4) Supports detection of driver absent minded, making phone calls (Working with AE-DI5042-G4)	-
Communication module	Wi-Fi, Bluetooth, 4G	-	-	Wi-Fi,Bluetooth
Sensor	GPS, Gyroscope	-	-	G-sensor,GPS
Storage	Dual TF Card(up to 128 GB for each)	-	-	TF card, Max. 128 GB
Operating Temperature	-20°C to 60°C	-35°C-65°C	-30°C-65°C	-10°C-60°C
Operating Humidity	90% or less (non-condensing)	90% or less (non-condensing)	90% or less (non-condensing)	95% or less (non-condensing)
Audio In	Built-in Microphone	Built-in Microphone	-	Built-in Microphone
Frame Rate	25 fps	25 fps	25 fps	25 fps
Power Supply	DC12V	9-16 VDC	DC12V	5 VDC, 2A
Application Tips	-	Working with AE-DI5042-G4 only	Working with AE-DI5042-G4 only	-



Mobile Onboard Video System Digital Video Recorder

Comprehensive high-definition video monitoring helps to deal with situations such as pickpocketing, traffic accidents, terrorism, disorderly behavior of passengers and drivers, and more.

- > Real-time HD video monitoring
- > Pluggable 3G/4G or Wi-Fi module transmission
- > Vehicle location and trajectory tracking via GPS
- > Hard disk box design, adopting hard disk vibration damping technology
- > Power-off protection prevents key data from loss
- > Shutdown delay (0 hour to 6 hours) and 24-hour scheduled startup/shutdown
- > Supports software-based firewall
- > Wide-range power input (+9 VDC to +32 VDC)

Digital Video Recorder




Model	DS-MP5604-SD	DS-MP5604	DS-MP7608	DS-MP7608H
Image	 <div style="border: 1px solid red; border-radius: 10px; padding: 2px; display: inline-block; color: red;">2 * SD card</div>	 HOT	 HOT	
Video Input	4-ch TVI/AHD/CVI/CVBS (Aviation)	4-ch TVI/AHD/CVI/CVBS (Aviation)	8-ch TVI/AHD/CVI/CVBS (Aviation)	8-ch TVI / CVBS & 4-ch IP (Aviation)
Two-Way Audio	1-ch, G.722	1-ch, G.722	1-ch, G.722	1-ch, G.722
Video Output	1-ch CVBS	1-ch CVBS output 1-ch VGA output	2-ch CVBS video output 1-ch VGA video output	2-ch CVBS video output, 1-ch VGA video output
Video Compression	H.264/H.265	H.264/H.265	H.264/H.265	H.264/H.265
Max Resolution	Main stream: 1080p sub-stream: 4CIF	Main stream: 1080P Sub-Stream: 4CIF	Main stream: 1080P Sub-stream: 720P	Main stream: 1080P Sub-stream: 720P
Frame Rate	PAL: 1 to 12 fps @ 1080P; NTSC: 1 to 12 fps @ 1080P PAL: 1 to 25 fps @ 720P; NTSC: 1 to 30 fps @ 720P	PAL: 1 to 12 fps @ 1080P; NTSC: 1 to 12 fps @ 1080P PAL: 1 to 25 fps @ 720P; NTSC: 1 to 30 fps @ 720P	PAL: 1 to 25 fps @ 1080P; NTSC: 1 to 30 fps @ 1080P	PAL: 1 to 25 fps @ 1080P; NTSC: 1 to 30 fps @ 1080P
Storage	2 × SD cards, up to 256 GB for each card	1 × 2.5 inch HDD/SSD, up to 2 TB 1 × SD card, up to 256 GB	2 × 2.5 inch HDD/SSD, up to 2 TB 1 × SD card slot, up to 256 GB	2 × 2.5 inch HDD/SSD, up to 2 TB 1 × SD card slot, up to 256 GB
3G/4G Dialing	3G/4G (optional)	3G/4G (optional)	3G/4G (optional)	3G/4G (optional)
Wi-Fi	2.4GHz / 5GHz (optional)	2.4GHz / 5GHz (optional)	2.4GHz / 5GHz (optional)	2.4GHz / 5GHz (optional)
GNSS (Global Navigation Satellite System)	GPS / GLONASS	GPS / GLONASS	GPS / GLONASS	GPS / GLONASS
Network Interface	1 × 10M/100M M12 6-pin aviation plug	1 × 10M/100M M12 6-pin aviation plug	1 × 10M/100M RJ45 Ethernet interface	1 × 10M/100M RJ45 Ethernet interface
Serial Port/CAN	1 × RS-232, 1 × RS-422	2 × RS-232, 1 × RS-422 (integrated in EXT.DEV interface)	3 × RS-232, 2 × RS-485, 1 × RS-422, 2 × CAN	3 × RS-232, 2 × RS-485, 1 × RS-422, 2 × CAN
USB Interface	Front panel: 1 × USB 2.0 Rear panel: 1 × USB 2.0 of 5-pin aviation connector	Front panel: 1 × USB 2.0 Rear panel: 1 × USB 2.0 of 5-pin aviation connector	Front panel: 1 × USB 2.0 and 1 × USB 3.0 Rear panel: 1 × USB 2.0 of 5-pin aviation plug	Front panel: 1 × USB 2.0 and 1 × USB 3.0 Rear panel: 1 × USB 2.0 of 5-pin aviation plug
Sensor-in	4 high/low level signal inputs	4 high/low level signal inputs	4 high/low level signal inputs	4 high/low level signal inputs
Alarm Input/Output	4/2	4/2	4/2	4/2
Power Supply	9 to 32 VDC	9 to 32 VDC	9 to 32 VDC	9 to 32 VDC
Consumption	Standby: ≤ 0.5 W Full load: ≤ 45 W Note: Without peripheral and storage media ≤ 20 W	Standby: ≤ 0.5 W Full load: ≤ 45 W Note: Without peripheral and storage media ≤ 20 W	Standby: ≤ 0.5 W Full load: ≤ 99 W Note: Without peripheral and storage media: ≤ 20 W	Standby: ≤ 0.5 W Full load: ≤ 99 W Note: Without peripheral and storage media: ≤ 20 W
Working Temperature	-10 °C to +60 °C (+14 °F to +140 °F)	Device that provides dummy HDD with heating function: -30 °C to +60 °C (-22 °F to +140 °F) Device that provides dummy HDD without heating function: -10 °C to +60 °C (14 °F to 140 °F)	Device of which the dummy HDD with heating function -30 °C to +60 °C (-22 °F to +140 °F) Other devices: -10 °C to +60 °C (14 °F to 140 °F)	Device of which the dummy HDD with heating function -30 °C to +60 °C (-22 °F to +140 °F) Other devices: -10 °C to +60 °C (14 °F to 140 °F)
Working Humidity	10% to 95%	10% to 95%	10% to 95%	10% to 95%
Dimensions (W × D × H)	184 × 142.6 × 44 mm (7.24 × 5.61 × 1.73 inch)	206 × 225.4 × 60.1 mm (8.11 × 8.87 × 2.37 inch)	202 × 267.6 × 93.9 mm (7.95 × 10.53 × 3.70 inch)	202 × 267.6 × 93.9 mm (7.95 × 10.53 × 3.70 inch)








Mobile Onboard Video System Network Camera

- > Real-time HD video monitoring
- > Indoor / outdoor housing
- > Up to 12 MP @ 30 fps
- > H.265+ / H.265 / H.264+ / H.264 / MJPEG video compression
- > Up to 30 m IR range
- > RJ45, M12 interfaces
- > Anti-vibration

Network Camera

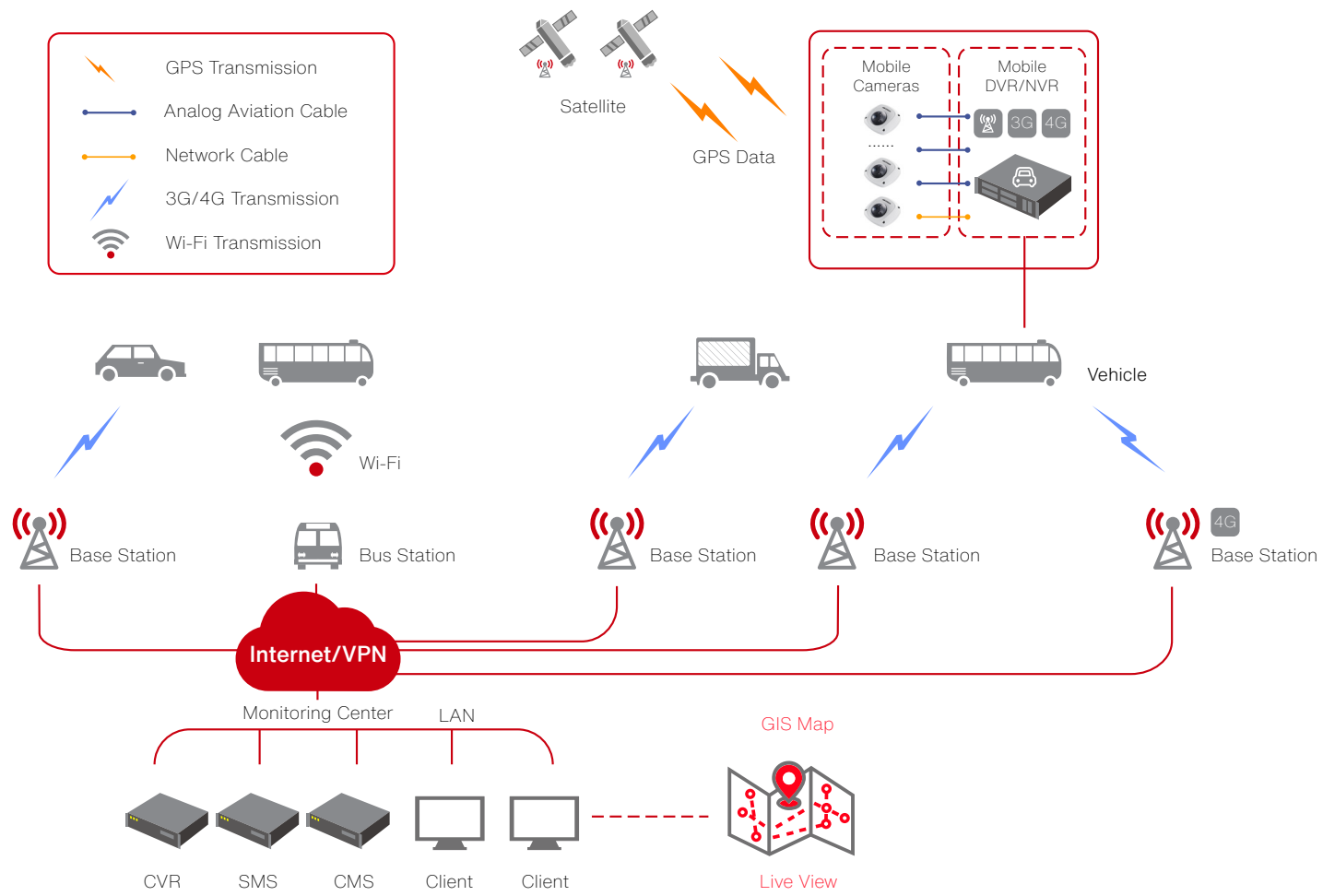
Model	DS-2XM682560/C-IV(S)(M)(N/D)	DS-2XM672(5)660-ID(S)(M)(N/D)	DS-2XM611(2)260-ID(M)(N/D)	DS-2XM621(2)260-ID(M)(N/D)	DS-2XM651(2)260-ID(M)(N/D)
Image	 HOT	 HOT	 HOT	 HOT	 HOT
Image Sensor	1/2.8" Progressive Scan CMOS	DS-2XM672660-ID(S)(M)(N/D): 1/2.8" Progressive Scan CMOS DS-2XM675660-ID(S)(M)(N/D): 1/2.9" Progressive Scan CMOS	1/2.7" Progressive Scan CMOS	1/2.7" Progressive Scan CMOS	1/2.7" Progressive Scan CMOS
Max. Resolution	1920 × 1200	DS-2XM672660-ID(S)(M)(N/D): 1920 × 1080 DS-2XM675660-ID(S)(M)(N/D): 3072 × 2048	DS-2XM611260-ID(M)(N/D): 1280 × 960 DS-2XM612260-ID(M)(N/D): 1920 × 1080	DS-2XM621260-ID(M)(N/D): 1280 × 960 DS-2XM622260-ID(M)(N/D): 1920 × 1080	DS-2XM651260-ID(M)(N/D): 1280 × 960 DS-2XM652260-ID(M)(N/D): 1920 × 1080
Video Compression	H.265+/H.265/H.264+/H.264	H.265+/H.265/H.264+/H.264/MJPEG	H.265+/H.265/H.264+/H.264/MJPEG	H.265+/H.265/H.264+/H.264/MJPEG	H.264+/H.264/MJPEG
Min. Illumination	Color: 0.002 Lux @ (F1.2, AGC ON), 0.007 Lux @ (F2.25, AGC ON)	DS-2XM672660-ID(S)(M)(N/D): Color: 0.005 Lux @ (F1.2, AGC ON), 0.002 Lux @ (F1.6, AGC ON), 0 Lux with IR DS-2XM675660-ID(S)(M)(N/D): Color: 0.01 Lux @ (F1.2, AGC ON), 0.018 Lux @ (F1.6, AGC ON), 0 Lux with IR	0.01Lux @ (F1.2, AGC ON), 0 Lux with IR	Color: 0.018 Lux @ (F1.2, AGC ON) B/W: 0.006 Lux @ (F1.2, AGC ON), 0 lux with IR	0.01Lux @ (F1.2, AGC ON), 0 Lux with IR
WDR	Digital WDR	120 dB	120 dB	120 dB	120 dB
Lens	2 mm	2.0 / 2.8 / 4 / 6 / 8 mm	2.8 / 4 / 6 mm	2.8 / 4 / 6 mm	2.8 / 4 / 6 mm
FOV	Horizontal FOV 108°, vertical FOV 84°, diagonal FOV 117.5°	DS-2XM672660-ID(S)(M)(N/D): 2.0 mm @ F1.6, horizontal FOV 132°, vertical FOV 77°, diagonal FOV 153°; 2.8 mm @ F1.6, horizontal FOV 110°, vertical FOV 60°, diagonal FOV 130°; 4 mm @ F1.6, horizontal FOV 82°, vertical FOV 45°, diagonal FOV 98° DS-2XM675660-ID(S)(M)(N/D): 2.0 mm @ F1.6, horizontal FOV 119.5°, vertical FOV 69.8°, diagonal FOV 136°; 2.8 mm @ F1.6, horizontal FOV 97.6°, vertical FOV 53.5°, diagonal FOV 113.6°; 4 mm @ F1.6, horizontal FOV 73°, vertical FOV 40.3°, diagonal FOV 85.3°	2.8 mm: horizontal FOV 102°, vertical FOV 54°, diagonal FOV 118° 4 mm: horizontal FOV 77°, vertical FOV 42°, diagonal FOV 91° 6 mm: horizontal FOV 50°, vertical FOV 27°, diagonal FOV 59°	2.8 mm: horizontal FOV 115°, vertical FOV 62°, diagonal FOV 135° 4 mm: horizontal FOV 87°, vertical FOV 48°, diagonal FOV 102° 6 mm: horizontal FOV 60°, vertical FOV 32.4°, diagonal FOV 70° 8 mm: horizontal FOV 41°, vertical FOV 23.2°, diagonal FOV 47.6° 12 mm: horizontal FOV 26.5°, vertical FOV 15°, diagonal FOV 30.5°	2.8 mm: horizontal FOV 104°, vertical FOV 56°, diagonal FOV 121° 4 mm: horizontal FOV 77°, vertical FOV 42°, diagonal FOV 91° 6 mm: horizontal FOV 50°, vertical FOV 27°, diagonal FOV 59°
Max. IR Range	3 m	30 m	10 m	30m	10 m
Smart Event	Counts people entering and exiting separately	Line crossing detection, intrusion detection, unattended baggage detection, object removal detection Face detection: detects faces and upload images	Defocus Detection, Scene Change Detection, Face Detection, Intrusion Detection, Line Crossing Detection, Region Entrance Detection, Region Exiting Detection, Unattended Baggage Detection, Object Removal Detection	Line crossing detection, intrusion detection, region entrance detection, region exit detection, unattended baggage detection, object removal detection, Scene change detection, defocus detection, Face Detection	Line crossing detection, intrusion detection, region entrance detection, region exit detection, unattended baggage detection, object removal detection, Scene change detection, defocus detection, Face Detection
Frame Rate	50Hz: 25fps (1920 × 1200) 60Hz: 30fps (1920 × 1200)	DS-2XM672660-ID(S)(M)(N/D): 50Hz: 25fps (1920 × 1080, 1280 × 960, 1280 × 720) 60Hz: 30fps (1920 × 1080, 1280 × 960, 1280 × 720) DS-2XM675660-ID(S)(M)(N/D): 50Hz: 20fps (3072 × 2048, 3072 × 1728, 2944 × 1656) 25fps (2560 × 1440, 1920 × 1080, 1280 × 720) 60Hz: 20fps (3072 × 2048, 3072 × 1728, 2944 × 1656) 30fps (2560 × 1440, 1920 × 1080, 1280 × 720)*	DS-2XM611260-ID(M)(N/D): 50Hz: 25fps (1280 × 960, 1280 × 720) 60Hz: 30fps (1280 × 960, 1280 × 720) DS-2XM612260-ID(M)(N/D): 50Hz: 25fps (1920 × 1080, 1280 × 960, 1280 × 720) 60Hz: 30fps (1920 × 1080, 1280 × 960, 1280 × 720)	DS-2XM621260-ID(M)(N/D): 50Hz: 25fps (1280 × 960, 1280 × 720) 60Hz: 30fps (1280 × 960, 1280 × 720) DS-2XM622260-ID(M)(N/D): 50Hz: 25fps (1920 × 1080, 1280 × 960, 1280 × 720) 60Hz: 30fps (1920 × 1080, 1280 × 960, 1280 × 720)	DS-2XM651260-ID(M)(N/D): 50Hz: 25fps (1280 × 960, 1280 × 720) 60Hz: 30fps (1280 × 960, 1280 × 720) DS-2XM652260-ID(M)(N/D): 50Hz: 25fps (1920 × 1080, 1280 × 960, 1280 × 720) 60Hz: 30fps (1920 × 1080, 1280 × 960, 1280 × 720)
Multi-Streaming	2	3	3	3	3
Protection Level	IP66, IK08	IP67, IK10	IP66, IK08	IP67	IP68, IK10
Angle Adjustment	Pan: 0°, Tilt: 0° to 25°, Rotate: 0°	Pan: -30° to +30°, Tilt: 0° to 75°, Rotate: 0° to 360°	Pan: -30° to 30°, Tilt: 0° to 80°, Rotate: 0° to 360°	Pan: -20° to 20°, tilt: -15° to 20°	Pan: -15° to 15°, tilt: 0° to 30°, rotate: -90° to 90°
Operating Temperature	-30 °C to +60 °C (-22 °F to +140 °F)	-30 °C to +60 °C (-22 °F to +140 °F)	-30 °C to +60 °C (-22 °F to +140 °F)	-30 °C to +65 °C (-22 °F to +149 °F)	-40 °C to 70 °C (-40 °F to 158 °F)
Operating Humidity	95% or less (non-condensing)	≤90% or less (non-condensing)	≤90% or less (non-condensing)	≤90% or less (non-condensing)	≤90% or less (non-condensing)
Local Storage	256 GB	128 GB	128 GB	128 GB	N/A
Audio I/O	1 built-in microphone -IVS: 1 input (line in, two-core terminal block), 1 output (two-core terminal block)	Built-in microphone	Built-in microphone	N/A	N/A
Alarm I/O	2 in, 2 out	1 in, 1 out	N/A	N/A	N/A
Installation	Indoor	Indoor	Indoor	Outdoor	Outdoor
Power Supply	9-36 VDC, PoE (802.3af 36 V to 57 V)	12 VDC ± 25%, PoE (802.3af)	12 VDC; PoE (802.3af)	12 VDC ±20%, PoE (802.3af, class 3)	12 VDC; PoE (802.3af)

Model	DS-2XM642560/F-M31	DS-2XM642560/F-IM91	DS-2XM642560/F-IM81	DS-2XM63C(6)560-IV(S)(M)(/ND)	DS-2XM6D5(8)260-I(M)(S)(/ND)
Image					
Image Sensor	1/2.8" Progressive Scan CMOS	1/2.8" Progressive Scan CMOS	1/2.8" Progressive Scan CMOS	DS-2XM63C560-IV(S)(M)(/ND): 1/1.7" Progressive Scan CMOS DS-2XM636560-IV(S)(M)(/ND): 1/1.8" Progressive Scan CMOS	DS-2XM6D5260-I: 1/2.7" Progressive Scan CMOS DS-2XM6D8260-I: 1/2.5" Progressive Scan CMOS
Max. Resolution	1920 × 1080	1920 × 1080	1920 × 1080	DS-2XM63C560-IV(S)(M)(/ND): 4000 × 3000 DS-2XM636560-IV(S)(M)(/ND): 3072 × 2048	DS-2XM6D5260-I: 2560 × 1440 DS-2XM6D8260-I: 3840 × 2160
Video Compression	H.265/H.264/MJPEG	H.265/H.264/MJPEG	H.265/H.264/MJPEG	H.265+/H.265/H.264+/H.264/MJPEG	H.265+/H.265/H.264+/H.264/MJPEG
Min. Illumination	Color: 0.001 lux @ (F1.2, AGC ON), 0.002 lux @ (F1.6, AGC ON) B/W: 0.0007 lux @ (F1.2, AGC ON), 0.001 lux @ (F1.6, AGC ON), 0 lux with IR	Color: 0.001 lux @ (F1.2, AGC ON), 0.002 lux @ (F1.6, AGC ON) B/W: 0.0007 lux @ (F1.2, AGC ON), 0.001 lux @ (F1.6, AGC ON), 0 lux with IR	Color: 0.001 lux @ (F1.2, AGC ON), 0.002 lux @ (F1.6, AGC ON) B/W: 0.0007 lux @ (F1.2, AGC ON), 0.001 lux @ (F1.6, AGC ON), 0 lux with IR	DS-2XM63C560-IV(S)(M)(/ND): 0.015 lux @ (F1.2, AGC ON), 0.003 lux @ (F1.2, AGC ON), 0 lux with IR DS-2XM636560-IV(S)(M)(/ND): 0.01 lux @ (F1.2, AGC ON), 0.001 lux @ (F1.2, AGC ON), 0 lux with IR	DS-2XM6D5260-I: Color: 0.005 Lux @ (F1.2 AGC ON) B/W: 0.001 Lux @ (F1.2 AGC ON), 0 lux with IR DS-2XM6D8260-I: Color: 0.02 Lux @ (F1.2 AGC ON) B/W: 0.005 Lux @ (F1.2 AGC ON)
WDR	120 dB	120 dB	120 dB	N/A	120 dB
Lens	2.0 / 2.8 / 4 mm	2.0 / 2.8 / 4 mm	2.0 / 2.8 / 4 / 6 / 8 mm	DS-2XM63C560-IV(S)(M)(/ND): 2.0 mm DS-2XM636560-IV(S)(M)(/ND): 1.27 mm	DS-2XM6D5260-I: 2.8 / 4 / 6 mm DS-2XM6D8260-I: 2.8 / 4 / 6 / 8 mm
FOV	2 mm @ F2.0: horizontal FOV 132.8°, vertical FOV 77.5°, diagonal FOV 153° 2.8 mm @ F1.6: horizontal FOV 110.5°, vertical FOV 60°, diagonal FOV 130° 4 mm @ F1.6: horizontal FOV 86°, vertical FOV 45°, diagonal FOV 102°	2 mm @ F2.0: horizontal FOV 132.8°, vertical FOV 77.5°, diagonal FOV 153° 2.8 mm @ F1.6: horizontal FOV 110.5°, vertical FOV 60°, diagonal FOV 130° 4 mm @ F1.6: horizontal FOV 86°, vertical FOV 45°, diagonal FOV 102°	2 mm @ F2.0: horizontal FOV 132.8°, vertical FOV 77.5°, diagonal FOV 153° 2.8 mm @ F1.6: horizontal FOV 110.5°, vertical FOV 60°, diagonal FOV 130° 4 mm @ F1.6: horizontal FOV 86°, vertical FOV 45°, diagonal FOV 102° 6 mm @ F1.6: horizontal FOV 52.7°, vertical FOV 30.3°, diagonal FOV 60.3° 8 mm @ F1.6: horizontal FOV 40.5°, vertical FOV 22.4°, diagonal FOV 46.8°	Horizontal FOV 180° (wall mount), 360° (ceiling mount), 360° (table mount)	DS-2XM6D5260-I: 2.8 mm: horizontal FOV 97°, vertical FOV 70°, diagonal FOV 128°; 4 mm: horizontal FOV 79°, vertical FOV 57°, diagonal FOV 104°; 6 mm: horizontal FOV 49°, vertical FOV 35°, diagonal FOV 63° DS-2XM6D8260-I: 2.8 mm: horizontal FOV 103°, vertical FOV 53°, diagonal FOV 124°; 4 mm: horizontal FOV 79°, vertical FOV 41°, diagonal FOV 94°; 6 mm: horizontal FOV 50°, vertical FOV 27°, diagonal FOV 58°
Max. IR Range	N/A	5 m	5 m	Up to 15 m IR range, 3 LEDs. Each LED is independently controlled.	10 m
Smart Event	Line crossing detection, intrusion detection, region entrance, region exiting, unattended baggage, object removal; Face capture base in deeplearning technology	Line crossing detection, intrusion detection, region entrance, region exiting, unattended baggage, object removal; Face capture base in deeplearning technology	Line crossing detection, intrusion detection, region entrance, region exiting, unattended baggage, object removal; Face capture base in deeplearning technology	Line crossing detection, intrusion detection, region entrance detection, region exiting detection, unattended baggage detection, object removal detection	N/A
Frame Rate	50Hz: 25fps (1920 × 1080, 1280 × 960, 1280 × 720) 60Hz: 30fps (1920 × 1080, 1280 × 960, 1280 × 720)	50Hz: 25fps (1920 × 1080, 1280 × 960, 1280 × 720) 60Hz: 30fps (1920 × 1080, 1280 × 960, 1280 × 720)	50Hz: 25fps (1920 × 1080, 1280 × 960, 1280 × 720) 60Hz: 30fps (1920 × 1080, 1280 × 960, 1280 × 720)	DS-2XM63C560-IV(S)(M)(/ND): 50Hz: 20fps (4000 × 3000), 25fps (3000 × 3000, 2560 × 2560) 60Hz: 20fps (4000 × 3000), 30fps (3000 × 3000, 2560 × 2560) DS-2XM636560-IV(S)(M)(/ND): 50Hz: 25fps (3072 × 2048, 2048 × 2048, 1280 × 1280) 60Hz: 30fps (3072 × 2048, 2048 × 2048, 1280 × 1280)	DS-2XM6D5260-I: 50Hz: 25fps (2560 × 1920, 2048 × 1536), 60Hz: 30fps (2560 × 1920, 2048 × 1536) DS-2XM6D8260-I: 50Hz: 25fps (3840 × 2160, 3072 × 1728, 2560 × 1440, 1920 × 1080, 1280 × 720), 60Hz: 30fps (3840 × 2160, 3072 × 1728, 2560 × 1440, 1920 × 1080, 1280 × 720)
Multi-Streaming	2	2	2	2	DS-2XM6D5260-I: 3 DS-2XM6D8260-I: 2
Protection Level	IP67 (2 mm: No)	IP67	IP67, IK10	IP67, IK10	IP67, IK10
Angle Adjustment	N/A	tilt: 0° to 75°, rotate: -180° to 180°	pan: -30 to 30, tilt: 0° to 75° (2 mm 0° to 60°), rotate: -180° to 180°	N/A	2.8 mm: pan: -90° to 90°, tilt: 0° to 60°, rotate: 0° to 360° 4 / 6 mm: pan: -90° to 90°, tilt: 0° to 70°, rotate: 0° to 360°
Operating Temperature	-30 °C to 60 °C [-22 °F to +140 °F]	-30 °C to 60 °C [-22 °F to +140 °F]	-30 °C to 60 °C [-22 °F to +140 °F]	-30 °C to 60 °C [-22 °F to 140 °F]	-30 °C to 60 °C [-22 °F to 140 °F]
Operating Humidity	5%-95% or less (non-condensing)	5%-95% or less (non-condensing)	5%-95% or less (non-condensing)	Humidity 95% or less (non-condensing)	≤95% or less (non-condensing)
Local Storage	128 GB	128 GB	128 GB	256 GB	256 GB
Audio I/O	N/A	N/A	N/A	1 audio in (line in), 1 audio out (line out), 2 built-in microphones	Without -S: 2 built-in microphones -S: 2 built-in microphones, 1 line in, 1 line out
Alarm I/O	N/A	N/A	N/A	1 in, 1 out	1 in, 1 out
Installation	Indoor	Indoor (Camera lens can be installed outdoor)	Indoor (Camera lens can be installed outdoor)	Indoor/outdoor	Outdoor
Power Supply	24 VDC, 8-36 VDC PoE (802.3at)	24 VDC, 8-36 VDC PoE (802.3at)	24 VDC, 8-36 VDC PoE (802.3at)	24 VDC, 8-36 VDC PoE (802.3at)	12 VDC, PoE (802.3af)




Mobile Onboard Video System Network Video Recorder

- > Pluggable 3G/4G or Wi-Fi module transmission
- > Vehicle locating and tracking via GPS
- > Anti-vibration hard disk box design
- > Power-off protection prevents key data from loss
- > Wide-range power input (+9 VDC to +32 VDC)
- > Intelligent network video recorder supports:
 - > 1-ch driver behavior analysis: using mobile phone, smoking, fatigue driving, distraction, seatbelt unbuckled, and wearing sunglasses
 - > 2-ch number plate recognition



Network Video Recorder


Model	DS-MP5604N	DS-MP7608HN	DS-MP7608HN(B)	DS-MP3516-RH
Image	 HOT	 HOT	 NEW	
Video Input	4-ch IP (RJ45/M12 PoE interfaces)	8-ch IP (RJ45/M12 PoE interfaces)	8-ch IP (M12 PoE interfaces)	32-ch IP
Two-way Audio	1, ch G.711/G.722.1	1, ch G.722	1, ch G.722	1, ch G.722
Video Output	1-ch CVBS output 1-ch VGA output	1-ch CVBS output 1-ch VGA output	1-ch CVBS output 1-ch VGA output	1-ch CVBS output 1-ch VGA output
Video Compression	H.264, H.265	H.264, H.265	H.264, H.265	H.264, H.265
Max Resolution	Main stream: 4 MP Sub-stream: 720P	Main stream: 8MP Sub-Stream: 720P	Main stream: 8MP Sub-Stream: 720P	Main stream: 1080P Sub-Stream: 720P
Frame Rate	PAL: 1 to 25 fps; NTSC: 1 to 30 fps	PAL: 1 to 25 fps; NTSC: 1 to 30 fps	PAL: 1 to 25 fps; NTSC: 1 to 30 fps	PAL: 1 to 25 fps; NTSC: 1 to 30 fps
Storage	2 × 2.5 inch HDD/SSD. Up to 2 TB for each HDD/SSD 1 × SD card (stores data when HDDs/SSDs are damaged)	2 × 2.5 inch HDD/SSD. Up to 2 TB for each HDD/SSD 1 × SD card (stores data when HDDs/SSDs are damaged)	2 × 2.5 inch HDD/SSD. Up to 2 TB for each HDD/SSD 1 × SD card (stores data when HDDs/SSDs are damaged)	6 × 2.5 inch HDD/SSD, up to 2 TB for each HDD/SSD
3G/4G Dialing	3G/4G (optional)	3G/4G (optional)	3G/4G (optional)	-
Wi-Fi	2.4GHz/5GHz (optional)	2.4GHz/5GHz (optional)	2.4GHz/5GHz (optional)	-
GNSS (Global Navigation Satellite System)	GPS/GLONASS	GPS/GLONASS	GPS/GLONASS	GPS/GLONASS
Network Interface	1 × 10M/100M RJ45 Ethernet interface 1 × 10M/100M M12 Ethernet interface	1 × 10M/100M/1000M RJ45 Ethernet interface 1 × 10M/100M/1000M M12 Ethernet interface	1 × 10M/100M/1000M RJ45 Ethernet interface 1 × 10M/100M/1000M M12 Ethernet interface	1 × 10M/100M RJ45 Ethernet interface (for debugging)
Serial Port/CAN	1 × RS-232, 1 × RS-422 (integrated in EXT.DEV interface)	2 × RS-232, 1 × RS-485, 1 × RS-422, 2 × CAN	2 × RS-232, 1 × RS-485, 1 × RS-422, 2 × CAN	2 × RS-232, 1 × RS-422
USB Interface	Front panel: 1 × USB 2.0 Rear panel: 1 × USB 2.0 (5-pin aviation connector)	Front panel: 1 × USB 3.0 Rear panel: 1 × USB 2.0 of 5-pin aviation plug	Front panel: 1 × USB 3.0 Rear panel: 1 × USB 2.0 of 5-pin aviation plug	1 × USB3.0
Sensor-in	4 high/low level signal inputs	4 high/low level signal inputs	4 high/low level signal inputs	8 high/low level signal inputs
Alarm Input/Output	4/2	4/2	4/2	8/2
Smart Event	-	-	1-ch driver behavior analysis: using mobile phone, smoking, fatigue driving, distraction, seatbelt unbuckled, driver exception, and wearing sunglasses 2-ch license plate recognition	-
Power Supply	9 to 32 VDC	9 to 32 VDC	9 to 32 VDC	66 to 160 VDC (110 VDC recommended) 18 to 60 VDC (48 VDC recommended)
Consumption	Standby: ≤ 0.5 W Full load: ≤ 45 W Note: Without peripheral and storage media ≤ 20 W	Standby: ≤ 0.5 W Full load: ≤ 99 W Note: Without peripheral and storage media: ≤ 20 W	Standby: ≤ 0.5 W Full load: ≤ 99 W Note: Without peripheral and storage media: ≤ 20 W	Standby: ≤ 0.5 W Full load: ≤ 99 W Note: Without peripheral and storage media: ≤ 20 W
Working Temperature	Device of which the dummy HDD with heating function: -30 °C to +60 °C (-22 °F to +140 °F) Other devices: -10 °C to +60 °C (14 °F to 140°F)	Device of which the dummy HDD with heating function: -30 °C to +60 °C (-22 °F to +140 °F) Other devices: -10 °C to +60 °C (14 °F to 140°F)	Device of which the dummy HDD with heating function: -30 °C to +60 °C (-22 °F to +140 °F) Other devices: -10 °C to +60 °C (14 °F to 140°F)	Device of which the dummy HDD with heating function: -30 °C to +60 °C (-22 °F to +140 °F) Other devices: -10 °C to +60 °C (14 °F to 140°F)
Working Humidity	10% to 95%	10% to 95%	10% to 95%	10% to 95%
Dimensions (W × D × H)	206 × 219 × 60 mm (8.1 × 8.62 × 2.36 inch)	202 × 267.6 × 93.9 mm (7.95 × 10.5 × 3.7 inch)	202 × 267.6 × 93.9 mm (8.0 × 14.5 × 3.7 inch)	482 × 284.3 × 89.5 mm (19.0 × 11.2 × 3.5 inch)


Model	DS-MI9605-GA
Image	
Video Input	1-ch PTZ Camer (Aviation) 4-ch IP cameras (Aviation)
Two-Way Audio	1-ch, 6.722
Video Output	1-ch CVBS output 1-ch VGA output 1-ch HDMI output
Video Compression	H.264/H.265
Max Resolution	Main stream: 1080P Sub-Stream: 4CIF
Frame Rate	PAL: 1 to 25 fps NTSC: 1 to 30 fps
HDD/SSD	1 × 2.5 inch HDD/SSD. Up to 2 TB for each HDD/SSD 1 × SD card (stores data when HDDs/SSDs are damaged)
3G/4G Dialing	3G/4G (optional)
Wi-Fi	2.4GHz
Global Navigation Satellite System (GNSS)	GPS/GLONASS
Network Interface	Front panel: 1 × 10M/100M/1000M Ethernet interface Rear panel: 4 × (4-pin 10M/100M aviation plug. 1 × 2-pin power supply)
Serial Port	1 × RS-232
USB Interface	Front panel: 2 × USB 3.0. Rear panel: 1 × USB 2.0 of 5-pin aviation plug
Alarm Input	8 high/low level signal inputs
Power Supply	9 to 32 VDC
Consumption	Standby: ≤ 0.5 W Full load: ≤ 99 W Note: Without peripheral and storage media ≤ 20 W
Working Temperature	Device of which the dummy HDD with heating function: -30 °C to +60 °C [-22 °F to +140 °F] Other devices: -10 °C to +60 °C [14 °F to 140°F]
Working Humidity	10% to 90%
Dimensions (W × D × H)	205 × 256 × 102.3 mm [8.1 × 10.1 × 4.0 inch]




Mobile Onboard Video System
Mobile Accessories

Mobile LCD Monitor		
Model	DS-MP1301	DS-MP1302
Image	 HOT	 HOT
Size	7" TFT-LCD	7" TFT-LCD
Resolution	800 × 480 RGB	800 × 480 RGB
Backlight	LED	LED
System	PAL/NTSC	PAL/NTSC
Mobile DVR Video Output	1-ch. Four-pin aviation male plug, connecting to the mobile DVR.	1-ch. 2*7 plug, connecting to the mobile DVR.
Rear-View Camera Video Input	1-ch. Four-pin aviation male plug, connecting to the rear-view CVBS camera.	1-ch. Four-pin aviation male plug, connecting to the rear-view CVBS camera.
Alarm Input	2-ch	2-ch
Working Voltage	12 VDC	12 VDC
Working Temperature	-20° C to +70° C (-4° F to +158° F)	-20° C to +70° C (-4° F to +158° F)
Working Humidity	10% to 95%	10% to 95%
Protection Grade	IP54	IP54
Mounting Type	Embedded mounting; Bracket mounting	Embedded mounting; Bracket mounting
Touch Screen	-	support
IR Receiver	-	Support. For IR forwarding.

Panic Button	
Model	DS-1530HMI
Image	 HOT
Power Supply	5 VDC/30 mA
Alarm	1x Emergency button
Sensor	Built-in G-sensor
Remote Control	Built-in IR receiver
Serial Port	1 x RS232
Dimensions (W × D × H)	80 × 30 × 19 mm (3.15 × 1.18 × 0.75 inch)
Working Temperature	-20° C to +60° C (-4° F to +140° F)
Sampling Interval	100 ms

Fireproof Box	
Model	DS-MP1431
Image	
Storage Medium	MLC
Erase Cycles	3000 times
Power Supply	5V ± 5%
Consumption	<0.5 W (average)
Storage Connector	USB (Aviation connector)
Storage Capacity	64G
Fire Resistance Time	15min @ 1100°C 20min @ 950°C 120min @ 260°C
Water Proof	24 hour @100 m (10ATM)
High Speed Impact	100 Gs @50ms (All direction)
Static Squeeze	100 KN@5min (All direction)
Dimensions	122 × 88 × 57 mm(4.80 × 3.46 × 2.24 inch)
Weight	0.97 kg

Intercom Box	
Model	DS-1350HM
Image	
Audio Mode	Full-duplex
Speaker	< 2 Vpp Impedance: 600 Ω 1-ch built-in speaker.
MIC	< 1.2 Vpp Impedance: 1000 Ω 1-ch built-in MIC.
Frequency range	100 to 20000 Hz
Extension	Jack for 4-section headset
Working Voltage	12 VDC/30 mA
Working Temperature	-10°C to +55°C (+14°F to +131°F)

▶ | Mobile Onboard Video System

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HIKVISION[®]

Hikvision UK & Ireland

Tel: +44(0)1628 902 140

presales.uk@hikvision.com

hikvision.com/uk