

MDVR-8CH(4CH) AHD 2.0 FULL HD 1080P

- FULL HD 1080P / HD 960P & 720P Supporting 8CH / 4CH AHD Mobile Anti-Vibration structure DVR
- FULL HD 1080P (1920x1080) Realtime Display 30fps / Recording 15fps (30fps for 720P/960P)
- Various Camera format supporting (All of resolution video format supporting) - 120fps Display
- Recording : AHD 1080P (1920x1080) / 960P (1280x960) / 720P (1280x720) / D1(800x600)
- Camera : 2.4MP 1080P / 1.3MP 960P / 1MP 720P / CVBS Analogue 960H
- H.264 SMART DUAL CODEC Compression - Main stream(Max. FHD 1080P)+Sub stream(Max.720P)
- 2.5inch SATA HDD Max. 2TB / SSD Max. 2TB / SD Card Max. 256GB
- HDD / SSD Inner Anti-Vibration system built-in, Power locking Aviation Connector
- High Intensive Sliding BOX Type HDD/SSD Inserting Key-Lock system - Max.40G Shock protection
- High Intensive Anti-shock & Anti-vibration structure => Multi spring hinge Box for HDD/SSD
- Automatic Temperature Sensing HEATER Built-in for protection HDD & SSD Storage
- Controlled by HDD & HEATER working - Key-Lock ON / OFF system linkage control.
- Various Interface In & Out supporting : G-Sensor built-in, RS232, RS485, CAN, MIC & Various Sensor(Unltrawave, LIDAR, Radar) and Various serial devices
- 2Way FULL HD Monitor connector : 2 x AV Monitor Multi-supporting, USB Back-up supporting
- 8-36V DC Wide Working Tolerance, Power ON / OFF Automatic Protection & ACC Protection
- Reverse Polarity & Surge / Static Protection system built-in, Strong body structure
- Various Communication & Control Towering VMS supporting(Option - GPS, WIFI, 3G/4G LTE, etc.)

MODEL: XVR-8MD-A



HDREADY 720p FULLHD 1080p AHD Hybrid Input



MODEL: XVR-8MD-B

DETAIL SPECIFICATIONS

MODEL : XVR-8MD-A(STANDARD MDVR) / XVR-8MD-B(FULL PACKAGE)

Operating System	Linux OS
Video Compression	H.264 SMART Multi CODEC Compression, Dual Stream(Main+Sub) / ISO14496-10 Coding
Display Frame Rate	Realtime supporting, NTSC : AHD1.0 & AHD2.0 FULL HD 30fps, PAL : AHD1.0 & AHD2.0 FULL HD 25fps, Max. 240fps
Recording Frame Rate	Halftime supporting, NTSC : AHD1.0 30fps & AHD2.0 15fps, PAL : AHD1.0 25fps & AHD2.0 13fps, Max.120fps, Video Encryption
Language Supporting	Multi Language Supporting - English, Korean (Spanish, Portugese, Japanese, Russia, French - Option), On OSD Menu
MOBILE CAMERA PoC(Power of Cable) One Cable Type VIDEO Input / VIDEO Output	Hybrid Input supporting : AHD2.0 1080P (1920x1080) / AHD1.0 960P(1280x960) 720P(1280x720) / CVBS Analogue(D1/960H) Input - AHD2.0 (1080P) : 8CH(CAMERA x 8) / AHD1.0 (720P/960P) : 8CH(CAMERA x 8) Hybrid Video/Audio supporting Output - Multi 1 x A/V Monitor (FULL HD 1080P(1920x1080)), 1 x AV Monitor (HD 720P, 1280x720)
Audio Input / Output	Audio 4CH Input / 2CH Output (RCA, ADPCM)
Alarm Input / Output support	Alarm 8CH Input / 2CH Output - Hi-Lo signal, Under 1V Low Voltage & Under 5V High Voltage trigger, Auto, Serial connection
Searching Mode	Time selection / Time zone / Calendar / Event & Alarm
Storage	HDD : Max. 4TB/3TB/2TB/1TB, SSD : Max. 4TB (Smart Check function - Temperature & Error Alarm), SD Card Max.256GB
Back-up & Upgrade	Front USB2.0 x 1 - Max. 128GB 지원 & Rear USB2.0 x 1, Auto Recognition & Back-up / Automatic USB upgrading procedure G-Sensor(Gravity & Shock/Vibration & Location Sensor built-in - 3Axis Motion & Shock Sensor, Speed Induction Type
Internal device	GPS Module built-in + GPS Antenna (Satellite Location Information Data, Google Map for VMS Control(Optional))
Serial Communication device (OPTION)	3G(EVDO/WCDMA/TD-CDMA) / 4G LTE (HDD LTE,/FDD LTE) - SIM CARD applied (Option) WIFI 802.11b/g (1way), TCP/IP RJ45 GIGA LAN Wire Network Port support
Security Solution	Double Password (Administrator / User) - AES Video Encryption set-up supporting HDD KEY-LOCK Automatic detection system (ON/OFF) - Physical operation control / Wireless Remote Controller / MOUSE
Power input / Output	8V DC ~ 36V DC Input power, 12V DC/1A Regulated 8CH output + AV Monitor output(Multi), Max.15A/20A SMPS built-in, POC
Power Consumption	Min.12W-Max.60W - Automatic Power Detection & Wide tolerance, Reverse Polarity & Surge Protection, Auto-Power Control
Interface Input/Output	C-MIC / RS232 / RS485 / ALARM / PIR Sensor / Untra Sonic / LIDAR / Radar / Temperature / Oil Sensor / RJ45 Network
Working Temperture Intensity of Shock & Vibration	-40℃~+85℃ (Automatic Temperature Detecting Heater & Coller Control system built-in) Anti-Vibration intensity < 2 Grms, Anti-Shock intensity < 1200 Grms (Max. 40G)
ADAS(Adanced Driver Assistance) support	FCW(Front Collision Warning), LDW(Lane Departure Warning) Only
Power Automatic Detection/Protection	Under 8V or Over 36V : Auto Power-Off(Low Power or High Power Protection), Over 8V or Under 36V : Auto Power-On
Product Weight	4.2kg / 8.8lb / 181oz.
Size/Dimension	165mm(L) x 158mm(W) x 72 mm(H) - Brakcet included
Intelligence Vehicle Management S/W (iVMS)	- GPS & 3G/4G LTE(Optional) Mobile Communication based Mobile Control & Management Software(PC Type - For Server, For Mobile phone/Smart Phone)



GPS Location Control based on Google Map



16:9 FULL HD Monitor Supporting(VGA)



Full Set for Vehicle, Vessel, Train(Optional)



Application Vehicle type - BUS, TRUCK, POLICE PATROL, FIRE ENGINE and other vehicle
Various sized Ship, Large Vessel like tanker, container ship, Military Vehicle and special purpose mobilities