Frontend Components – Bronco 8-CH MDVR Datasheet

Features:

► Revolutionary anti-vibration technology can support 360-degree installation.

► Modular design for easy maintenance.

► 8CH 01 at real-time real time streaming and recording

► Support 8Ch AHO 720p Camera inputs

► Dedicated video streams for local recording, mirror recording, and wireless transmission.

► Internal WIFI 802.llN supported for all the regular video files and alarm files download.

► Mirror recording via SD card for backup to get the important video files in the last minutes.

► IP67 Certified

► MIL-STD-810G Vibration and Shock

BRONCO 16 CH MOBILE DIGITAL Video Recorder (MVDR)		
Type	**Description**	**Details**
System	Language	English / Chinese
	Operation Interface	Graphical User Interface (OSD menu)
	Password Security	2 Levels: Administrator & User
Video		Supports 8 channels CIF/HD1/D1/960H camera Video input Supports 8 channels 720P AHD camera Video input Supports 1-CH 720P/1080P IPC + 8-CH 960H/D1/CIF Video input Supports 1-CH 720P/1080P IPC +8-CH 720P AHD Video input
	Video Output	2 CVBS (Analog); 1 each 3.5mm Jack on Front Panel and one connection on the RJ45&AV/-OUT port
	Video Display	Single picture, 1~9 pictures
	Signal System	PAL / NTSC (PAL@225 frame 720P/sec; NTSC@270 frame 720P/sec)
	Image Compression	H.264 Main profile
Audio	Audio Input	8 Channels
	Audio Output	2 Channels (Front Panel 3.5mm Jack, 1 in the RJ45&AV/-OUT connector)
	Record Format	Synchronized A/V recording
Recording & Storage	Image Resolution	CIF / HD1 / D1 / 960H / 720P /1080Poptions
	Video Coding	ISO14496-10 Industry Standard
	Video Bit Rate	CIF: 1536Kbps ~ 128Kbps, HD1/D1: 2048Kbps ~ 400Kbps, 960H: 2048Kbps ~ 400Kbps, 720P:4096Kbps ~ 400Kbps 1080P:4096Kbps ~ 400Kbps Select from 8 Levels of Video Image Quality ranging from 1(Highest) to 8(Lowest)
	Audio Bit Rate	40Kbps
	Storage	Up to 2TB HDD/SSD and 1 SD card for backup（at 3G/4G /WIFImodel option）
Alarm	Alarm Input	8 Channels, Select Trigger for either less than 1VDC or greater than 5VDC
	Alarm Output	2 Channel, 12V output
Communication Ports	RS485	1 Port for PTZ control or Data Device usage
	RS232	2 Port for communication or data usage
	RJ45 Network	1 Port of RJ45, For connection to an IP camera with maximum of 1080P
	USB	1 Ports of USB 2.0, the front is used to export record file.

Frontend Components - Bronco 8-CH MDVR

BRONCO 16 CH MOBILE DIGITAL Video Recorder (MVDR)		
Type	**Description**	**Details**
Wireless Communication*	3G*	3G (HSUPA / HSDPA / WCDMA / EVDO / TD-SCDMA) optional Internal module
	4G*	4G (TDD-LTE / FDD-LTE) optional module to match local cellular carrier
	Wi-Fi*	Internal Wi-Fi 802.11b/g/n/ac optional
GPS*	Int'l Standard GPS*	Internal GPS module. Real-time geographic coordinates, speed information
G-Sensor	Internal G-Sensor	Supports 3 Axis Motion Detection with user set ranges, for X, Y and Z coordinates
Software	PC Playback	A/V, GPS, Mapview, Speed, G-Sensor, etc. files available for playback on PC. Limited playback is also available on MDVR
	IVMS	Wireless (require Wi-Fi or cellular Option) real-time A/V monitoring, GPS, alarms, etc.
Software Upgrade	Local or Remotely	Upgrade through the front USB2.0 or remotely via IVMS platform
Voltage Input	+8～+36V	8～36VDC Please check operational voltage of vehicle prior to the installation of the MDVR and its accessories to prevent possible damage
Voltage Output	12V	12V（+/-0.2V）, Max 3A
ACC Detection	≤4V	Power Off
	≥6V	Power On
Video Input Resistance	75Ω	75Ω
Video Output Voltage	2Vp-p	2VP-P CVBS output analog signal, screen input requires 75Ω resistance
I / O port	<1V	Low voltage trigger
	>5V	High voltage trigger
Operation Temperature	-40℃～80℃	Install in well ventilated area, protected from moisture, heat, dust and vibration
Dimensions	187*205*65mm	