

VBOX-3200-V4

Hybrid Mobile DVR Surveillance with 4 Channel Camera On-Board Computer



-  Delay Time
-  Power Ignition
-  Wide Range
-  Wireless
-  Battery Backup

Taiwan Patent No. M447854
Taiwan Patent No. M448011

System

CPU	AMD G-T56N Dual Core 1.65GHz
Memory	2GB DDR3 1333MHz SO-DIMM (Can be up to 8GB)
Chipset	AMD A50M Controller Hub
Watchdog	1 ~ 255 Level Reset

Mobile DVR Specification

Video Input	4 Channels (4 x BNC Connectors)	
Video Recording	Total 120FPS (NTSC), 100FPS (PAL) @ D1 Real-Time	
Video Display	Total 120FPS (NTSC), 100FPS (PAL) @ D1	
Resolution Format	NTSC	PAL
(S/W MPEG4 or S/W H.264)	720x480x30FPS	720x576x25FPS
	704x480x30FPS	704x576x25FPS
	640x480x30FPS	640x576x25FPS
	720x240x30FPS	720x288x25FPS
	704x240x30FPS	704x288x25FPS
	640x240x30FPS	640x288x25FPS
	360x240x30FPS	360x288x25FPS
	352x240x30FPS	352x288x25FPS
	320x240x30FPS	320x288x25FPS
Audio Input	1 Channel	
Audio Format	MONO / 8 ~ 16BITS / 8000 ~ 48000HZ	
Software	SDK for Windows XP, 7, Linux 2.6.20 or Higher	

I/O

Serial Port	3 x RS-232 (2 with RS-422/485 (Auto Direction Control))
USB Port	4 x USB 2.0 Ports on Front I/O
LAN	2 x RJ45 Ports for GbE
Video Port	1 x DVI-I and 1 x VGA Output (Share with DVI-I)
DIO Port	4 In and 2 Out with Relay 12V / 80mA
Audio	1 x Line-out (Mic-in or Line-in Optional)
SIM Card Socket	1 x SIM Card Socket Supported Onboard with eject

Features

- AMD G-T56N Dual Core APU with Radeon HD 6320
- Wireless Support LTE, 3.5G, WLAN, GPS, GSM/GPRS, Bluetooth
- 9V - 32V DC Input Smarter Vehicle Power Ignition
- 4 Channel D1 Resolution @120fps for Analog Cameras
- 2 IP Digital Cameras
- HDMI, RGB, SDI Single Channel HD Camera (Optional)
- Support 1 x CAN Bus 2.0B (Optional)

Storage

Type	1 x 2.5" Drive Bay for SATA Type Hard Disk Drive / SSD
	1 x SATA DOM

Power Requirement

Power Input	9V - 32V DC Power Input
Power Protection	Automatics Recovery Short Circuit Protection
Power Management	Vehicle Power Ignition for Variety Vehicle
Power Off Control	Power off Delay Time Setting by Software, Default is 5 Mins
Battery (UPS)	Internal Battery Kit for 10 Mins Operating (Optional)

Patent No. : M447854 - Build-in Battery

Environmental & Mechanical

Operating Temp.	-40 ~ 70°C (SSD), ambient w/ air
Storage Temp.	-40 ~ 80°C
Relative Humidity	10 ~ 95% (non-condensing)
Vibration(random)	2.5g@5~500 Hz with SSD
Vibration Operating	MIL-STD-810F, Method 514.5, Category 20, Ground Vehicle-Highway, EN61373
Truck Storage	MIL-STD-810F, Method 514.5, Category 24, Integrity Test
Shock	Operating: MIL-STD-810F, Method 516.5, Procedure I, Trucks and semi-trailers=40G (11ms) with SSD
Crash Hazard	MIL-STD-810F, Method 516.5, Procedure V, Ground equipment=100g
Construction	Aluminum Alloy
Weight	1780 g (Barebone)
Dimensions	250 x 150 x 55 mm
Certifications	CE, FCC Class A, EN50155, EN50121, eMark Compliance

Ordering Information

Part Number	763200011005
Description	Hybrid Mobile DVR Surveillance with 4 Channel Camera On-Board Computer