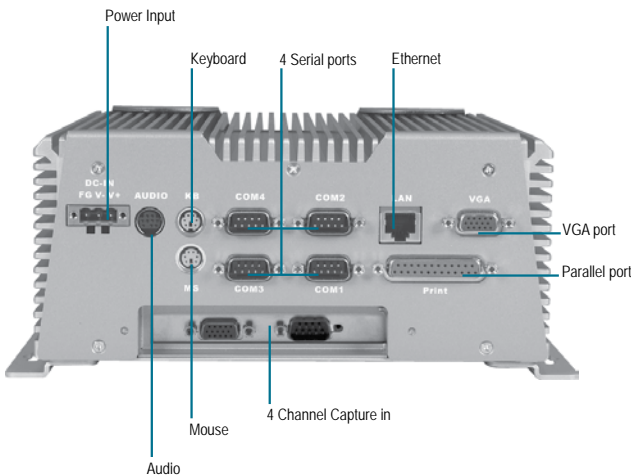
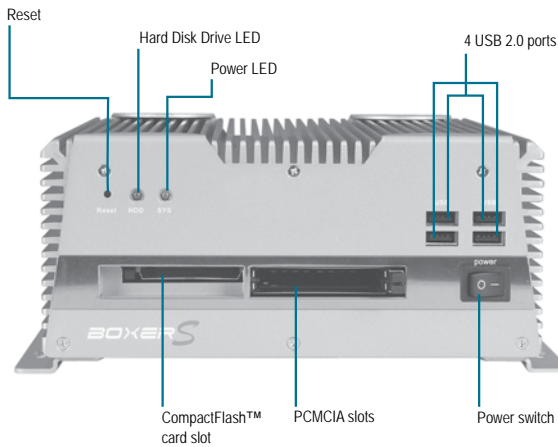


4-Channel Fanless, Mobile DVR



Features

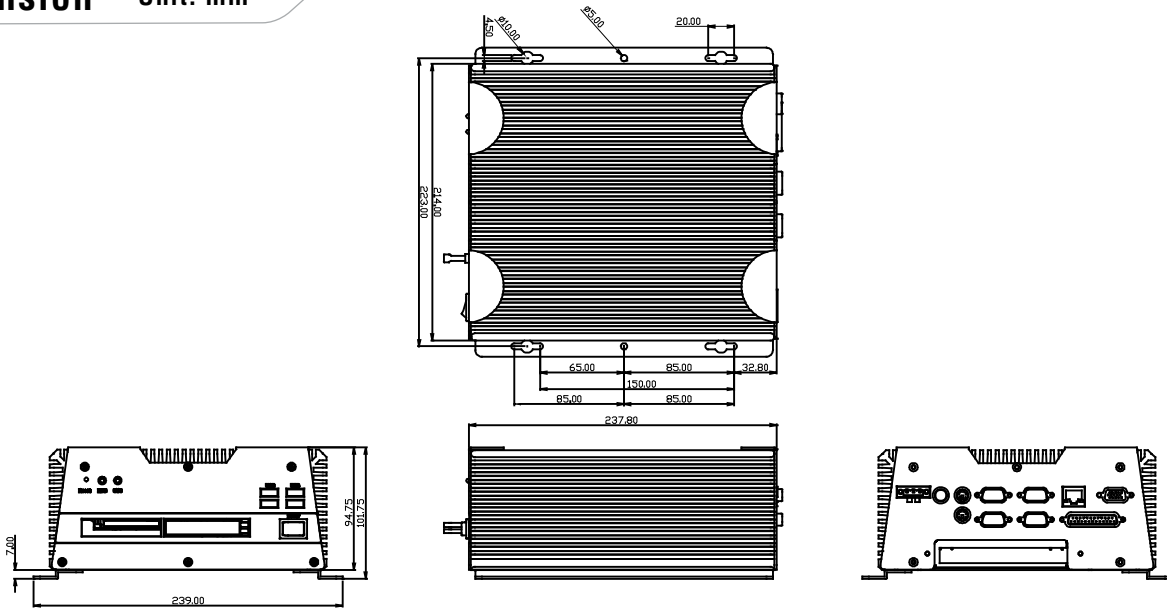
- Embeds Linux DVR on CompactFlash™ Card and MPEG-4 Technologies, Real Time Triplex Mode (Monitor/ Recording/ Playback/ Remote Operation/ NAS Backup)
- Real-time (max.) 120FPS/ 100FPS Monitoring Rate for 4 Channels
- Max. 120FPS/ 100FPS Recording Rate for 4 Channels
- Full Remote Function Via Windows® IE Browser
- Self-diagnosis for Abnormal System and Hard Disk Drive Conditions
- Optional Mobile Surveillance with Your PDA or Smartphone
- Easily Integrated with NAS, ATM, POS, Access Control
- Complete Fanless Design with 5 International Patents (Germany, USA, Japan, Taiwan and China)
- Robust Vibration (5 grms) and Shock (50g Impact) Performance



Specifications

System Specification	
Processor	Intel® Celeron® M 1.3 GHz Processor
System Memory	256 M DDR-SDRAM
Video Input	Video Input x 4
Video Output	VGA output x 1
Audio Input	Audio Input x 1
Audio Output	Audio output x 1
NIC	10/100 Mbps
Hard Disk Drive	One 2.5" Hard Disk drive (optional)
Compression	MPEG-4 Codec
Resolution	NTSC: 640x480, 320x240 PAL: 704x576, 352x288
Display Speed	NTSC (max.) 120 fps, PAL (max.) 100 fps
Display Quality	Hue, Saturation, Brightness, Contrast are adjustable for different channel
Display Information	Camera name, alarm status, recording status, Hard Disk Drive status, date/time
Recording Speed	NTSC (max.) 120 fps, PAL (max.) 100 fps
Recording Mode	Continuous, scheduled, motion detection, digital input triggered (cyclic overwrite and pre-recording support)
Recording Quality	Low, Middle, high, excellent
Search Video Archive	By date/time, CAM no, alarm, tage, file and objective
Playback Speed	1X, 2X, 4X, 8X, 10X, 1/2X, 1/4X, 1/6X, /8X, 1/10X, frame by frame step
Playback Quality	Sharpen, blur
Playback Information	Camera name, date/time, frame no.
Export Video Clip, file and Snapshot	NAS, USB storage, CD-RW, printer (snapshot only) Motion Detection 1-6 detection zones per channel, 5 level sensitivity controls, 10 level differential controls
IO Control	Ethernet Port x 1, RS-232 Ports x 3, RS-485 Port x 1, USB 2.0 Ports x 4, Parallel port x 1, PCMCIA slots x 2
Alarm Type	Motion detection, digital Input, no signal on camera, Hard Disk Drive full or crash, no recording
Alarm Notification	Flash image frame, warning message, recording, fax, e-mail, digital relay output
Self Diagnosis	System abnormal condition (built-in H/W watchdog will reset DVR system), Hard Disk Drive abnormal conditions (auto-recover Hard Disk Drive)
Backup	Video files can backup to NAS, USB Storage and My Network Places. System configuration file can backup to USB storage and CD-RW
System Log	Alarm log, access log
Access Control	Admin and normal user, normal user can restrict rights including access camera, playback video archive, control PTZ (optional), change password, and set up
Networking	Internet, Intranet, LAN (Fixed IP, PPPoE/DDNS)
Remote Control	Complete remote-site monitoring, playback and setup functions through Windows® IE browser
Multi-tasking	Simultaneous monitoring, recording, playback and multiple users can operate remotely at the same time.

Dimension Unit: mm



Hardware Specification	
Power Supply	1. DC Input: Internal DC-DC Converter (Default) Input voltage: 9V DC ~ 30V DC External Power Adapter (Optional): 120 W 2. AC Input: Input voltage: 100V AC ~ 240V AC @ 50 ~ 60Hz, Full-range
Power Consumption	
MTBF(Hours)	
Relative Humidity	5% ~ 95% @ 40°C, non-condensing
Shock	50g peak acceleration (11 msec. duration) operation 15g peak acceleration (11 msec. duration) operation (Hard Disk Drive)
Vibration	5 grms/ 5 ~ 500Hz/ random operation (CFD) 0.5g/ 5 ~ 500Hz/ random operation (Hard Disk Drive)
Operating Temperature	32 °F ~ 122°F (0°C ~ 50°C)
Rugged Aluminum Alloy Chassis Dimensions	8.4" (W) x 3.7" (H) x 9.4" (D) (214mm x 95mm x 239mm)
Carton Dimension	13.2" (W) x 11.6" (H) x 10.2" (D) (336mm x 294mm x 260mm)
Net Weight	13.7 lb (6.2kg)
Gross Weight	14.31 lb (6.5 kg) (without Hard Disk Drive)
EMC	CE, UL, FCC

Ordering Information

- **TF-AVR-3000-A10-1010**
 Embedded Controller, Celeron® M 1.3GHz, Fanless, DC 9~30V, 256MB RAM, 4 Channels, DVR, 1GB CompactFlash™

Optional Accessories

- **AP-OT9789442500**
 Sensor I/O Kit with 4DI/4DO
- **1757912001**
 AC Adapter (120W), Input: AC 100 ~ 240V; Output: DC 19V
- **1702031830**
 Power Cord (US type)
- **1702031831**
 Power Cord (European type)
- **1702031810**
 Power Cord (Japanese type)
- **9783204006**
 Automotive Hard Disk Drive 40G