

# HINDSIGHT-G2™/Dell T5810

## Multi-Media Logging Recorder

### Featuring “Hindsight-G2™” Multi-Media Logging Recorder Powered by Dell “Precision Tower” T5810 Workstation

#### COTS (Commercial off the Shelf)

The “Precision Tower” T5810 looks almost identical to the “Precision Tower” T5600 but has been refreshed on the inside with many new parts. With updated CPU and new DDR4 memory, you get more bang in the same space. Other COTS components feature (5) fans (1 CPU fan, 2 power supply fans and 3 hard drive array fans), (1) power supply and various RAID disk array redundancy options.

#### Typical Applications

##### Police, Fire, and EMS Communications

- With features and integrations focused on the demanding environments found in Public Safety applications, EXACOM is proud to offer a full featured Workstation based Hindsight-G2™ Multi-Media Logging Recorder based on the Dell “Precision Tower” T5810 Workstation platform. NG911 and APCO P25 IP Radio Integrations are just some of the possibilities this platform has to offer. The Dell “Precision Tower” T5810 Workstation is focused on providing multi-media recording to customers that do not require hot-swappable fully redundant components. The system only operates on a Windows 7 Operating System (OS). If you require redundant hardware components in a Windows 7 OS environment then please refer to the Dell R7910 platform. If you require Windows Server 2008R2/2012 then please refer to the Dell T630 platform.

##### DoD, DHS, FAA and other Federal Agencies

- The DoD and other Federal Agencies all evolve around technology based solutions. EXACOM stands at the forefront of the Multi-Media Logging Recorder technology offering features and integrations focused on the demanding Department of Defense (DoD) environments. The Dell “Precision Tower” T5810 Workstation is focused on providing multi-media recording to customers that do not require hot-swappable fully redundant components. The system only operates on a Windows 7 Operating System (OS). We do not suggest the Hindsight-G2 Dell T5810 platform for DoD applications.

##### Aviation, Marine, Transportation, Utility and Education Radio Communications

- With features and integrations focused on the demanding environments found in Public Service applications, EXACOM is proud to offer a full featured Workstation based Hindsight-G2™ Multi-Media Logging Recorder based on the Dell “Precision Tower” T5810 Workstation platform. EXACOM stands at the forefront of the Multi-Media Logging Recorder technology offering features and integrations focused on the demanding Public Service environments. The Dell “Precision Tower” T5810 Workstation is focused on providing multi-media recording to customers that do not require hot-swappable fully redundant components. The system only operates on a Windows 7 Operating System (OS). If you require redundant hardware components in a Windows 7 OS environment then please refer to the Dell R7910 platform. If you require Windows Server 2008R2/2012 then please refer to the Dell T630 platform.

#### “Hindsight-G2/T5810” Recorder Overview

The “Hindsight-G2™/Dell T5810” Multi-Media Logging Recorder can support both Public Safety and Military inter-operability communications recording. The “Hindsight-G2™” Multi-Media Logging Recorder runs in a Windows 7 OS environment utilizing a service friendly platform and other COTS components. This unique multi-media platform allows the “Hindsight-G2™/T5810” Multi-Media Logging Recorder to be configured to support up to 48 channels of simultaneous recording per recorder module.

#### Supported Line Interfaces

**Telephone:** Analog, Digital, VoIP, BRI, PRI, T1, E1 & NENA NG911-(i3) w/ANI/ALI  
**Radio:** Conventional Analog, Digital, RoIP, Trunked, APCO P25-ISSI/CSSI  
**Video:** MPEG-4, H264, CATV, other formats call factory

#### System Logs, Alarms and Reports

The “Hindsight-G2/T5810” Multi-Media Logging Recorder logs all user activity, and recorder system changes by user name, date, description, as well as recorder activities and alarms. Recorder alarms may be set up through configurable parameters to escalate to LAN based pop-ups or email notification. Additional reporting options are available for analyzing recording system activities as well as system warnings and errors. SNMP is supported via Hindsight-G2 MIB.

#### Option (Call Factory)

- \* Hindsight-G2/NG911 Next Generation NENA NG9-1-1 (i3) w/ ANI/ALI
- \* Hindsight-G2/DIACAP IA Hardening (Gold Disk)
- \* Hindsight-G2/TRU-Copy Certified Recording Authentication
- \* Hindsight-G2/P25 APCO P25-ISSI/CSSI
- \* Hindsight-G2/AES Encryption w/Manual, Automatic or OTAR Key Support
- \* Power Options: 120/240 VAC 50/60 Hz, 48 VDC, other call factory



#### Typical Desktop Environment

- Dell T5810 Precision Tower Workstation

#### Typical Rack Mount Environment - 8U

- Dell T5810 Precision Tower Workstation - 5U
- Network Attached Storage (NAS) - 1U
- Dual Speaker Panel—2U

#### Workstation Specifications

##### Dimensions

Height w/feet 416.90 mm (16.41 in)  
 Height w/feet 414 mm (16.30 in)  
 Depth 471 mm (18.54 in)  
 Width 172.60 mm (6.79 in)

##### Weight

Weight (minimum) - 13.50 kg (29.80 lb) / 12.40 kg (27.40 lb)

#### Power/BTU Specifications

##### Power

Primary PS - 685/425 W (input voltage of 100 VAC—240 VAC)

##### Maximum heat dissipation

685 W / 2750.5 BTU/hr  
 425 W / 1706.5 BTU/hr

#### Environmental Specifications

##### Temperature

Operating - 10°C to 35°C (50°F to 95°F)  
 Storage - -40°C to 65°C (-40°F to 149°F)

##### Relative Humidity

Maximum - 20% to 80% (noncondensing)

##### Maximum Altitude

Operating - -15.2 m to 3048 m (-50 ft to 10,000 ft)  
 Storage - -15.2 m to 10,668 m (-50 ft to 35,000 ft)

##### Maximum Shock

Operating 40 G +/- 5% with pulse duration of 2 msec +/- 10%  
 (equivalent to 51 cm/sec [50 in/sec])  
 Storage 105 G +/- 5% with pulse duration of 2 msec +/- 10%  
 (equivalent to 127 cm/sec [50 in/sec])

##### Maximum Vibration

Operating 5 Hz to 350 Hz at 0.0002 G<sup>2</sup>/Hz  
 Storage 5 Hz to 500 Hz at 0.001 to 0.01 G<sup>2</sup>/Hz

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