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|---------------|--|
| <b>D4WCS</b>  | 4 Channel DVR with Digital Deterrent™  |
| <b>D8WCS</b>  | 8 Channel DVR with Digital Deterrent™  |
| <b>D16WCS</b> | 16 Channel DVR with Digital Deterrent™ |

|          |          |           |
|----------|----------|-----------|
| D4WCS500 | D8WCS500 | D16WCS500 |
| D4WCS1TB | D8WCS1TB | D16WCS1TB |
| D4WCS2TB | D8WCS2TB | D16WCS2TB |



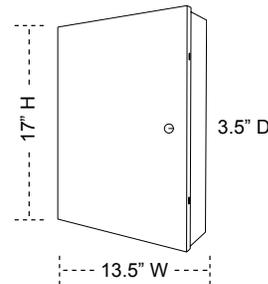
For the latest mobile apps  
and CMS software go to:  
[www.specotech.com/DVRApps](http://www.specotech.com/DVRApps)



## Features

View on iPhone®, iPad®, Blackberry® or Android™

- EZ Setup: for quick system setup
- EZ Record: quickly setup recording schedules, resolutions and recording type
- EZ Copy: auto copy what you are playing onto a USB flash drive
- EZ Network: for quick set-up on a network
- EZ Search: Quickly locate what you are looking for
- 4 / 8 / 16 Channel digital video recorder in covert wall mount chassis
- H.264 recording
- Recording rate up to 480FPS
- Free Speco DDNS service for use with dynamic IP addresses
- PC & MAC® compatible software included
- POS/ATM support with text overlay and searchable database
- Built in S.M.A.R.T. Technology (Self-Monitoring, Analysis and Reporting, Technology for HDD)
- Simultaneous live view or playback while continuing to record, network transfer
- Text message alerts of system activity and status
- Remote monitoring, recording, playback, change system settings and camera control via network and/or Internet
- Real time live display
- IR Remote control included - individually control up to 16 DVRs
- Multiple analytics such as museum search and advanced motion detection
- USB 2.0 port for video clip exporting
- Easy software upgrade via Network or USB Flash drive
- Configurable per channel normal and event recording frame rate & picture quality or globally via EZ record
- Full system monitoring
- Free Central Management System (Speco Central) software allows viewing of multiple DVRs on a PC
- Email notification of alarm events
- SNS communication alert via Twitter
- Per channel built-in PTZ camera protocol including Pelco D
- Automatic camera detection (Plug & Play)
- Digital Zoom in live mode and playback
- Covert camera operation provides enhanced security and administrator control
- Playback while watching live on same monitor
  - Up to 30 minutes pre-alarm recording
  - Up to 15 minutes post-alarm recording
- User Access: up to 10 concurrent users
- No accessible user controls
- Hard drive status monitoring



### EZ Set-Up Wizards!

One click wizard guides you to set up essentials of the system in a logical and easy to understand sequence.

- Date/Time • Recording method
- Recording video quality • Network

- Remote upgrade
- USB mouse supported (not included)
- Multiple language on-screen menus
- Password to secure installation with configurable user authentication levels
- 2 way audio
- DVR supports static IP, DHCP, PPPoE and DDNS
- Power Consumption: 4 CH: 12V/3A  
8/16 CH: 12V/5A
- Operating Temperature: 41° F – 104° F
- Dimensions: 13.5" (W) x 17" (H) x 3.5" (D)
- Weight: 8.5 lbs.
- 3 year warranty
- **Free smartphone apps available**  
iPhone, iPad and Android are trademarks of Apple Inc. and Google, registered in the U.S. and other countries. Blackberry is registered to RIM

Speco Technologies is constantly developing and improving products.

We reserve the right to modify product design and specifications without notice and without incurring any obligation.

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**Technical Specifications:**  
WCS H.264 DVR with Set-Up Wizards



**Applications**

**Speco Central**

Remote software providing 64 cameras live/ playback, event monitoring, local recording, E-map and device management.



**Speco Remote**

Web based remote monitoring software which can be downloaded from web browsers in ActiveX format.



**Speco Player**

Self executable video player containing non-alterable recorded data from the DVR.



**Speco Mobile**

Remote monitoring software running on mobile devices like Android™ and Blackberry®.



Remote monitoring software for iPhone®, iPad® and iTouch®.



| Model Name                   | D4WCS   | D8WCS                                | D16WCS                                |
|------------------------------|---|--------------------------------------|---------------------------------------|
| Video Inputs                 | 4   | 8                                    | 16                                    |
| Video Outputs                | 1 BNC / 1 VGA   |                                      |                                       |
| Display Resolution           | 720 x 480   |                                      |                                       |
| <b>RECORD &amp; PLAYBACK</b> |   |                                      |                                       |
| Compression                  | H.264   |                                      |                                       |
| Recording Rate               | 120 fps@CIF / 60 fps@2CIF / 30 fps@D1                             | 240 fps@CIF/ 120 fps@2CIF/ 60 fps@D1 | 480 fps@CIF/ 240 fps@2CIF/ 120 fps@D1 |
| Playback Rate                | 120 CIF   | 240 CIF                              | 480 CIF                               |
| Recording Mode               | Time-Lapse, Event, Pre-Event (up to 30 min), Text-In, Panic       |                                      |                                       |
| Search Mode                  | Date/Time, Record Table, Calendar, Event, Motion, Museum, Text-In |                                      |                                       |
| <b>SYSTEM</b>                |   |                                      |                                       |
| Operating System             | Embedded Linux  |                                      |                                       |
| Firmware Base                | XDR Type  |                                      |                                       |
| Storage                      | Max. 1 HDD  |                                      |                                       |
| Data Export                  | USB (HDD, FlashDrive)   |                                      |                                       |
| <b>NETWORK</b>               |   |                                      |                                       |
| Connection                   | Ethernet  |                                      |                                       |
| Protocols                    | Manual, ADSL, DHCP, DDNS  |                                      |                                       |
| Remote Software              | Speco Central, Speco Remote (Internal, External)                  |                                      |                                       |
| Max Transmission Rate        | 120 CIF   |                                      |                                       |
| <b>INTERFACE</b>             |   |                                      |                                       |
| Audio In / Out               | RCA 4 / 1   |                                      |                                       |
| Alarm In / Out               | 4 / 1 (relay, NO)   | 8 / 1 (relay, NO)                    | 16 / 1 (relay, NO)                    |
| Serial Interface             | RS232, RS485  |                                      |                                       |
| External Interface           | 2 x USB 2.0   |                                      |                                       |
| User Interface               | Mouse, IR Remote Control  |                                      |                                       |
| <b>OTHER</b>                 |   |                                      |                                       |
| Dimensions (W x H x D)       | 11.5" x 15" x 3.5"  |                                      |                                       |
| Unit Weight                  | 8.5 lbs.  |                                      |                                       |
| Operating Temperature        | 41° F – 104° F  |                                      |                                       |
| Operating Humidity           | 0% – 90%  |                                      |                                       |
| Power                        | 12V / 3A  | 12V / 5A                             | 12V / 5A                              |

Please note that specifications and unit exterior design are subject to change without notification.

**For more information contact Speco Technologies** 200 New Highway, Amityville, NY 11701  
Toll Free: 1-800-645-5516 Fax: 631-957-9142 or 631-957-3880 Website: [www.specotech.com](http://www.specotech.com)

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