Swann
Advanced Security Made Easy ™

alphaseries

Defend & Deter
Security Monitoring System
– H.264 4 Channel DVR
& 4 CCD 480TVL Cameras

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SwannView App

Available on the **App Store**

Get it at **BlackBerry App World**

Android Market

Free Download

www.swann.com/swannview

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*Monitor & mobile phones not included

4CH H.264 Digital Video Recorder

Select — PWR — HDD — Menu/Esc — PTZ — CH+ — CH− — Quad

Smartphone Viewing

Professional protection for your home or business 24/7

- Record & view 4 channels of high quality video simultaneously in real-time
- Includes 4 all-weather, high resolution 480TVL cameras with powerful night vision to 65ft / 20m
- Set & forget by recording continuously from 4 cameras for 120 days+ onto a massive 500GB hard drive, longer with motion detection
- Save time & have peace of mind by easily locating incident video, then transfer to USB flash drive
- Surveillance in the palm of your hand with live viewing on 3G-enabled Smartphones including iPhone, iPad, Android, BlackBerry, Windows Mobile 6, Symbian OS and more*, and remote notification via email
- Fight back against crime by deterring intruders, protecting your property & knowing what's happening at all times
- A state-of-the-art solution for any home or business wanting complete protection

DETER PREVENT CRIME, VANDALISM & MORE

H.264 FAST, EFFICIENT RECORDING & PLAYBACK

500GB 120 DAYS+ CONTINUOUS RECORDING TO 500GB HDD

USB TRANSFER INCIDENT VIDEO TO FLASH DRIVE

UPnP EASY AUTO-CONNECTION TO THE INTERNET**

PROTECTIVE WEATHER RESISTANT IP67 CASING & CABLE THREADED THROUGH STAND

480TVL HIGH RESOLUTION 480 TV LINES SONY ¼" CCD VIDEO SENSOR

POWERFUL 65ft / 20m NIGHT VISION

VIEW LIVE ON SMARTPHONE INCLUDING IPHONE, ANDROID, BLACKBERRY, WINDOWS MOBILE 6 & MORE*

VGA EASILY CONNECT TO TV OR LCD MONITOR

For more information on this product visit **www.swann.com**

SWA43-D12C16

Defend & Deter Security Monitoring System
– H.264 4 Channel DVR & 4 CCD 480TVL Cameras

What's in the box

- 'Defend & Deter' D12 DVR
- Hard Drive 500GB (installed)
- Remote Control (with batteries)
- CCD C16 Cameras x 4
- BNC Cables 60ft / 18m x 4
- Mouse
- Ethernet Cable

- BNC to RCA Video Cable
- Software CD
- Power Adapters & Splitters
- Operating Instructions
- Theft Deterrent Stickers x 4

Specifications

DVR

Video

Video Signal Type	NTSC or PAL
Video Inputs	4 Composite BNC Inputs
Video Outputs	2 Composite BNC Outputs, VGA Out
Display Resolution	NTSC: 704x480 / PAL: 704x576
Display Frame Rate	Real Time NTSC 30 fps/channel, PAL: 25 fps/channel

Audio

Audio Input	4 RCA Inputs
Audio Output	2 RCA Outputs

Recording

Compression Format	H.264
Recording Resolution	NTSC: D1 (704x480), HD1 (704x240), CIF (352x240) PAL: D1 (704x576), HD1 (704x288), CIF (352x288)
Recording Frame Rate	NTSC: D1 (60 fps), HD1 (120 fps), CIF (120 fps) PAL: D1 (50 fps), HD1 (100 fps), CIF (100 fps)
Recording Modes	Manual / Motion / Schedule
Multiplex Operation	Multiplex
HDD Interface / Type	500GB SATA HDD (installed)
Hard Drive Support	Up to 2TB

Network

LAN Connection	Yes
Network Interface	RJ45 Ethernet
Network Protocol	TCP/IP, DDNS, UPnP
Dynamic DNS	Yes (dyndns, 3322)
Remote Operation	Yes

General

Operating Power	DC 12V
Dimensions	12.4" x 8.9" x 2.4" / 315mm x 225mm x 60mm
Weight	4.4lbs / 2kg
Backup Method	USB to Flash Drive / Network
Mouse	Yes (uses 2 x AAA batteries, included)
Remote Control	Yes (USB x 1)

Camera

Video

Image Sensor	1/4" Sony CCD
Video Quality	480 TV Lines
Number of Effective Pixels	NTSC: 510 x 492 / PAL: 628 x 582
Minimum Illumination	0 Lux (IR on)
Day / Night Mode	Color during day / switches to B&W at night
Backlight Compensation	Yes
Lens	3.6mm
Viewing Angle	62 degrees

Night Vision

Night Vision Distance	Up to 65ft / 20m
Number of Infra-Red LEDs	12
Infra-Red LED Life	10,000 hours

General

Indoor / Outdoor	Indoor / Outdoor
Operating Power	DC 12V
Operating Temperature	-4°F ~ 113°F / -20°C ~ 45°C
Body Construction	Aluminum
Dimensions – Camera	3.2" x 2.3" x 2.2" / 82mm x 58mm x 55mm
Dimensions – Stand	2.3" x 2.3" x 2.8" / 58mm x 58mm x 70mm
Weight – Camera	0.4lbs / 203g
Weight – Camera & Stand	0.6lbs / 273g
Cable Length	60ft / 18m

Codes

Swann Code	SWA43-D12C16
UPC	815849010970

Stream live video footage from anywhere in the world

One of the great features of this product is its remote viewing capabilities. You can view your home or business from anywhere in the world via broadband Internet connection on PC or on your Smartphone* via the SwannView app.

SwannView app

DOWNLOAD FROM

iPhone® Android® BlackBerry®

www.swann.com/swannview
or use the disk in the pack

Also compatible with

Windows Mobile® Symbian OS®

USE WITH

BlackBerry HTC iPhone iPad

Nokia Samsung

Installation is easy

Do-it-Yourself
Installing this Swann product is simple. For instructions, tips and videos see the operating instructions in this pack or visit **www.swann.com**

Professional Installation
Need extra help?
We have an installer in your region!
For more visit
www.swann.com

THE SWANN PROMISE
LIFETIME
SUPPORT
THE SWANN PROMISE

Our Promise

Swann stands by its Lifetime Support promise to make advanced security easy to use, install and maintain. Everything is in the pack but if you need it, Swann's help desk is available with extended hours for the life of the product. Swann products are also backed by a 12 month manufacturer's warranty with the opportunity to extend your warranty if you wish.

+120 days recording achieved using lower settings, default settings give 14 days recording **Applies to modems that have UPnP function
*Monitor and mobile phones not included, not all handsets supported
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For more information on this product visit
www.swann.com