

# Touching Cloud Series

4/8 Channel Digital Video Recorder with Cloud Service  
4 X 600 TVL High Resolution Cameras

*Your Security  
Our Focus*



## Secure Both Business and Home

Not only can Surveillance Combo Kit secure your home, but it also can monitor your business. KGUARD helps you protect your assets any place, such as retail stores, small business, warehouses, indoors, and outdoors.



# All-In-One Quick DIY Setup

All devices and accessories that you need to install a complete surveillance system are included in One Box. No more spending time and money selecting individual devices. Just open the box and install your own surveillance solution to save labor and maintenance cost.



## Cloud Service makes your life easier and fun!

Traditional digital video recorder only can save images in its HDD. Now, KGUARD's touching cloud series combines surveillance function with cloud service. You don't need to worry about important images being lost because you can upload your images to the cloud service easily and quickly and keep any important moments. It is very convenient to share special images with your friends or upload to social media.



## Main Features

Touching Cloud series has five main features, including search/event/schedule, Images, public cloud, support any device, and easy/share/smart.

Search /Event/ Schedule



Video Images



Public Cloud



Support multiple devices



Easy/Share/Smart





Easy  
Installation

Quick Do-It-Yourself installation



H.264

H.264 compression latest recording  
technology



Cloud

Exclusive DVR to connect Cloud Service and  
you have a personal space



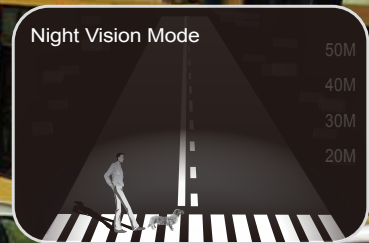
Pre-recording feature allows additional  
images to be captured prior to the motion  
detected event



Smartphone  
Support

Free Kview series allows remote monitoring  
and control on your smartphones and tablets





**KGUARD Fulcolor** to provide excellent colorful image



Using 6mm fixed lens with 40 degrees viewing angle to monitor particular areas



600 TVL high resolution to make video clearer



Night vision up to 20m/65ft in total darkness



Waterproof case to protect the camera and survive rainy days

### Free KView App Series for Remote Monitoring Anywhere

Available mobile devices, Mac and PC computers can download this App to monitor your house, office, children, or pets on your mobile devices while you are traveling for business or on vacation.



for Smartphone



for iPhone 4 & up



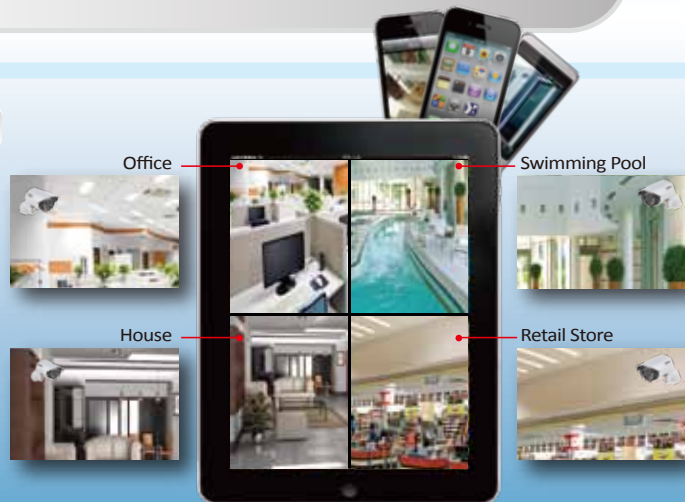
for Tablet PC



for on Mac OS X



for Windows



## DVR Specification

Model No.	TC401	TC801
Cloud	Yes	
Cloud Storage	Schedule / Motion Detection	
Storage Mode	Schedule / Motion Detection	
Video	NTSC / PAL	
Video Format	NTSC / PAL	
Video Input	4 BNC inputs	8 BNC inputs
Video Output	1 VGA output, 1 BNC output	
Display Frame Rate	NTSC: 120 fps / PAL: 100 fps	NTSC: 240fps / PAL: 200fps
Audio	1 RCA output	
Audio Input	4 RCA inputs	8 RCA inputs
Audio Output	1 RCA output	
Recording	H.264	
Video Compression	H.264	
Recording Resolution	NTSC: CIF(352x240), HD1(704x240), D1(704x480) PAL: CIF(352x288), HD1(704x288), D1(704x576)	
Recording Frame Rate	NTSC: 120fps@CIF, 120fps@HD1, 120fps@D1 PAL: 100fps@CIF, 100fps@HD1, 100fps@D1	NTSC: 240fps@CIF, 120fps@HD1, 60fps@D1 PAL: 200fps@CIF, 100fps@HD1, 50fps@D1
Recording Mode	Always / Schedule / Motion detection / Remote Recording	
Recording Pack Time	15 / 30 / 45 / 60mins	
HDD Interface	SATA (supports up to 2TB)	
Network	RJ45, 10M/100M	
Network Interface	RJ45, 10M/100M	
Network Protocol	TCP/IP, DHCP, DDNS, PPPoE	TCP/IP, DHCP, DDNS, PPPoE
Playback	4 channels simultaneously	
Local Playback	4 channels simultaneously	8 channels simultaneously
Playback Search	Date / Time / File list	Date / Time / File list
Playback Mode	PLAY / FWD / Fast / Rewind / Frame by Frame	PLAY / FWD / Fast / Rewind / Frame by Frame
General	RS485 built-in, supports PELCO-P & PELCO-D	
PTZ Control	RS485 built-in, supports PELCO-P & PELCO-D	
Alarm Mode	Motion Detection / Video Loss / HDD Loss / HDD Full	
Backup Method	USB flash disk / USB HDD disk / Network	
Power Supply	DC 12V/2A	
Operating Temperature (W/O HDD)	-10°C to 50°C ( 14°F to 122°F )	
Dimension (WxDxH)	274 x 214.5 x 45mm	

## Camera Specification

### Video

Image Sensor	KGUARD Fulcolor
Pixels	728(H) x 560(V)
Electronics Shutter	NTSC 1/60-1/100,000(sec) PAL 1/50-1/100,000(sec)
Horizontal Resolution	600 TVL
Lens	6mm Fixed
Viewing Angle	40 Degrees
Video Output	1.0VP-P, 75Ω
S/N Ratio	More than 48dB ( AGC OFF )
Day / Night Mode	Color during day / switches to B&W at night
Minimum Illumination	While Infrared LED ON "0" lux
Gain Control	Auto
Backlight Compensation	Auto

### Night Vision

Night Vision Distance	20m / 65ft
Illumination	Infrared LED
Infra-Red Wavelength	850nm
Infra-Red LED Life	10,000hrs

### General

Indoor / Outdoor	Weatherproof (Both)
Operating Temperature	-10~50°C ( 14~122°F )
Storage Temperature	-20~70°C ( -4~158°F )
Body Construction	Aluminum
Dimensions - Camera with Stand (WxDxH)	95x58x138mm
Weight - Camera with Stand	295g / 0.65lbs

## What's in the box?



Standalone  
DVR



Camera



Remote Control



USB Mouse



Software CD



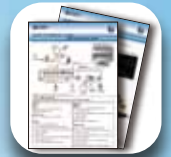
Slim Cable  
(18m / 60ft)



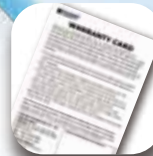
4 Way  
Split Cable



Power Adapter  
(12V)

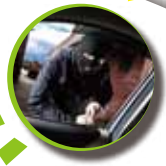


Quick  
Installation Guide



Warranty Card

**"Thieves have nowhere to hide"**



Your Security, Our Focus. We have a great technical team to support your question or any problem. All products have one-year warranty for our customers. You do not have to worry about how to fix or use it. For more information, please visit KGUARD's website: [www.kguardsecurity.com](http://www.kguardsecurity.com)





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