

RYALTECH CCTV & ALARM SYSTEM'S



4CH CCTV H.264 Surveillance DVR 2x Indoor Camera 2x Outdoor Camera Security System \$275.00

Installation Starting Price \$450.00

**** 1Tb Hard Disk Drive \$85.00 or 2Tb \$120.00 Extra ****

**** 19.5" LED Backlight LCD Monitor \$155.00 Extra ****

**** Please indicate which system you require as the following systems are available – 2x Indoor & 2x Outdoor, 4x Indoor and 4x Outdoor ****

Camera Specifications

1/4" CMOS Color Image sensor CCTV Camera

Resolution: 420 TV lines

TV Color System: Available for NTSC or PAL

24 or 35/36 (ϕ 0.5) LEDs IR illuminators view up to 15m

Operating temperature -10 C ~ +50 C

Minimum Illumination: 0.1 Lux (The lower the better)

Voltage: 12V DC

Outdoor/Indoor for Day / Night

DVR Specifications

Embedded Linux OS
H.264 Hardware Compression
Video Input / Output: BNC 4/BNC 1
Video Output: VGA
Audio Input / Output: RCA 2/RCA 1
Signal System: NTSC / PAL
Display: 120 fps
Record: 120 fps
Recording Mode: Continuous/ Time Scheduled/ Motion Detected
Network: RJ45
Remote Access: Internet Explorer or Net viewer Software
Support Remote View via Smart Phone & 3G Mobile:
a) iPhone™
b) Google Android™
c) Blackberry™ OS V4.7
d) Windows Mobile™; Pro 5.0 & 6.1
e) Symbian™ S60 3rd & S60 5th
PTZ via RS-485 Port
Plug-n-Play

Box of Contents

- (1) R2004 DVR System without HDD
- (2) dbcmos Security Camera
- (2) mscoms Security Camera
- (2) 10m Video + Power All-in-one Cable for Security Camera
- (2) 20m Video + Power All-in-one Cable for Security Camera
- (1) 12V/3A 4 Port Power Supply for Security Camera
- (1) 12V/3A DC Power Supply for Security DVR
- (1) IR Remote Control & Mouse
- (1) Software and Manual

Warranty

1 Year Warranty Included (2 Year Warranty available for \$150)



**8CH CCTV H.264 Surveillance DVR 4x Indoor Camera 4x
Outdoor Camera Security System \$415.00**

Installation Starting Price \$850.00

**** 1Tb Hard Disk Drive \$85.00 or 2Tb \$120.00 Extra ****

**** 19.5" LED Backlight LCD Monitor \$155.00 Extra ****

**** Please indicate which system you require as the following systems are available – 4x Indoor & 4x Outdoor, 8x Indoor and 8x Outdoor ****

Camera Specifications

1/4" CMOS Color Image sensor CCTV Camera

Resolution: 420 TV lines

TV Color System: available for NTSC or PAL

24 or 35/36 (ϕ 0.5) LEDs IR illuminators view up to 15m

Operating temperature -10 C ~ +50 C

Minimum Illumination: 0.1 Lux (The lower the Best)

Voltage: 12V DC

Outdoor/Indoor for Day / Night

DVR Specifications

Embedded Linux OS
H.264 Hardware Compression
Video Input / Output: BNC 8/BNC 1 Video Output: VGA
Audio Input / Output: RCA 2/RCA 1
Signal System: NTSC / PAL
Display: 240 fps
Record: 240 fps
Recording Mode: Continuous/ Time Scheduled/ Motion Detected
Network: RJ45
Remote Access: Internet Explorer or Net viewer Software
Support Remote View via Smart Phone & 3G Mobile:
a) iPhone™
b) Google Android™
c) Blackberry™ OS V4.7
d) Windows Mobile™; Pro 5.0 & 6.1
e) Symbian™ S60 3rd & S60 5th
PTZ via RS-485 Port
Plug-n-Play

Box of Contents

- (1) R2008 DVR System without HDD
- (4) dbcmos Security Cameras
- (4) mscoms Security Cameras
- (4) 10m Video + Power All-in-one Cable for Security Camera
- (4) 20m Video + Power All-in-one Cable for Security Camera
- (1) 12V/7A 8 Port Power Supply for Security Camera
- (1) 12V/3A DC Power Supply for Security DVR
- (1) IR Remote Control & Mouse
- (1) Software and Manual

Warranty

1 Year Warranty Included (2 Year Warranty available for \$150)



**16CH CCTV H.264 Surveillance DVR 8x Indoor Camera 8x
Outdoor Camera Security System \$730.00**

Installation Starting Price \$1,650.00

**** 1Tb Hard Disk Drive \$85.00 or 2Tb \$120.00 Extra ****

**** 19.5" LED Backlight LCD Monitor \$155.00 Extra ****

**** Please indicate which system you require as the following systems are available – 8x Indoor & 8x Outdoor, 16x Indoor and 16x Outdoor ****

Camera Specifications

1/4" CMOS Color Image sensor CCTV Camera

Resolution: 420 TV lines

TV Color System: available for NTSC or PAL

24 or 35/ 36 (Φ 0.5) LEDs IR illuminators view up to 15m

Operating temperature -10 C ~ +50 C

Minimum Illumination: 0.1 Lux (The lower the Best)

Voltage: 12V DC

Outdoor/Indoor for Day / Night

DVR Specifications

Embedded Linux OS

H.264 Hardware Compression
Video Input / Output: BNC 16/BNC 2
Video Output: VGA
Audio Input / Output: RCA 2/RCA 1
Signal System: NTSC / PAL
Display: 480 fps
Record: 480 fps
Recording Mode: Continuous/ Time Scheduled/ Motion Detected
Network: RJ45
Remote Access: Internet Explorer or Net viewer Software
Support Remote View via Smart Phone & 3G Mobile:
a) iPhone™
b) Google Android™
c) Blackberry™ OS V4.7
d) Windows Mobile™; Pro 5.0 & 6.1
e) Symbian™ S60 3rd & S60 5th
PTZ via RS-485 Port
Plug-n-Play

Box of Contents

- (1) R2016 DVR System without HDD
- (8) dbcmos Security Cameras
- (8) mscmos Security Cameras
- (8) 10m Video + Power All-in-one Cable for Security Camera
- (8) 20m Video + Power All-in-one Cable for Security Camera
- (2) 12V/7A 8 Port Power Supply for Security Camera
- (1) 12V/3A DC Power Supply for Security DVR
- (1) IR Remote Control & Mouse
- (1) Software and Manual

Warranty

1 Year Warranty Included (2 Year Warranty available for \$150)



**4CH CCTV H.264 Surveillance DVR 2x Indoor Sony CCD Camera
2x Outdoor Sony CCD Camera Security System \$364.00**

Installation Starting Price \$450.00

**** 1Tb Hard Disk Drive \$85.00 or 2Tb \$120.00 Extra ****

**** 19.5" LED Backlight LCD Monitor \$155.00 Extra ****

**** Please indicate which system you require as the following systems are available – 2x Indoor & 2x Outdoor, 4x Indoor and 4x Outdoor ****

Sony Camera Specifications

Image Sensor: 1/3" CCD Color Sony Sensor.

TV System: PAL/NTSC.
Effective Pixels: PAL: 500H×582V NTSC: 510H×492V.
Effective Pixels: PAL: 600 TV-Lines.
Scanning System: 2:1 Interlace.
Number of IR LEDs: 22pcs (For Dome Camera).
Number of IR LEDs: 48pcs (For waterproof bullet Camera).
Minimum Illumination: 0 Lux (IR ON).
Infrared Illumination (Night Vision): Visible up to 33ft.
Synchronization System: Internal Synchronization
S/N Ratio: 48dB.
Gamma: 0.45.
Auto Gain Control: Built-in.
Lens Mount Board Lens: 3.6mm.
Operating Temperature:-20C ~50C / -5F ~ 120F.
Weatherproof: Yes.
Power: DC 12V.
Video Out: 1.0V p-p 75 Ω, BNC Connector.
Auto Iris: Video / DC.
Back Light Comp: Auto.
Auto White Balance: Auto.
Protection Rating: IP 66.

DVR Specifications

Embedded Linux OS
H.264 Hardware Compression
Video Input / Output: BNC 4/BNC 1
Video Output: VGA
Audio Input / Output: RCA 2/RCA 1
Signal System: NTSC / PAL
Display: 120 fps
Record: 120 fps
Recording Mode: Continuous/ Time Scheduled/ Motion Detected
Network: RJ45
Remote Access: Internet Explorer or Net viewer Software
Support Remote View via Smart Phone & 3G Mobile:
a) iPhone™
b) Google Android™
c) Blackberry™ OS V4.7
d) Windows Mobile™; Pro 5.0 & 6.1
e) Symbian™ S60 3rd & S60 5th
PTZ via RS-485 Port
Plug-n-Play

Box of Contents

- (1) R2004 DVR System without HDD.
- (4) Sony Security Cameras.
- (2) 10m Video + Power All-in-one Cable for Security Camera.
- (1) 20m Video + Power All-in-one Cable for Security Camera.
- (1) 30m Video + Power All-in-one Cable for Security Camera.
- (1) 12V/3A 4 Port Power Supply for Security Camera.
- (1) 12V/3A DC Power Supply for Security DVR
- (1) IR Remote Control & Mouse.
- (1) Software and Manual

Warranty

1 Year Warranty Included (2 Year Warranty available for \$150)



**8CH CCTV H.264 Surveillance DVR 4x Indoor Sony CCD Camera
4x Outdoor Sony CCD Camera Security System \$599.00**

Installation Starting Price \$850.00

**** 1Tb Hard Disk Drive \$85.00 or 2Tb \$120.00 Extra ****

**** 19.5" LED Backlight LCD Monitor \$155.00 Extra ****

**** Please indicate which system you require as the following systems are available – 4x Indoor & 4x Outdoor, 8x Indoor and 8x Outdoor ****

Sony Camera Specifications

Image Sensor: 1/3" Color Sony CCD Sensor.

TV System: PAL/NTSC.

Effective Pixels: PAL: 500H×582V NTSC: 510H×492V.

Effective Pixels: PAL: 600 TV-Lines.

Scanning System: 2:1 Interlace.

Number of IR LEDs: 22pcs (For Dome Camera).

Number of IR LEDs: 48pcs (For waterproof bullet Camera).

Minimum Illumination: 0 Lux (IR ON).

Infrared Illumination (Night Vision): Visible up to 33ft.

Synchronization System: Internal Synchronization

S/N Ratio: 48dB.

Gamma: 0.45.

Auto Gain Control: Built-in.

Lens Mount Board Lens: 3.6mm.

Operating Temperature:-20C ~50C / -5F ~ 120F.

Weatherproof: Yes.

Power: DC 12V.

Video Out: 1.0V p-p 75 Ω, BNC Connector.

Auto Iris: Video / DC.

Back Light Comp: Auto.

Auto White Balance: Auto.

Protection Rating: IP 66.

DVR Specifications

Embedded Linux OS

H.264 Hardware Compression

Video Input / Output: BNC 8/BNC 2

Video Output: VGA

Audio Input / Output: RCA 2/RCA 1

Signal System: NTSC / PAL

Display: 240 fps

Record: 240 fps

Recording Mode: Continuous/ Time Scheduled/ Motion Detected

Network: RJ45

Remote Access: Internet Explorer or Net viewer Software

Support Remote View via Smart Phone & 3G Mobile:

- a) iPhone™
 - b) Google Android™
 - c) Blackberry™ OS V4.7
 - d) Windows Mobile™; Pro 5.0 & 6.1
 - e) Symbian™ S60 3rd & S60 5th
- PTZ via RS-485 Port
Plug-n-Play

Box of Contents

- (1) R2008 DVR System without HDD.
- (8) Sony Security Cameras
- (3) 10m Video + Power All-in-one Cable for Security Camera.
- (3) 20m Video + Power All-in-one Cable for Security Camera.
- (2) 30m Video + Power All-in-one Cable for Security Camera.
- (1) 12V/7A 8 Port Power Supply for Security Camera.
- (1) 12V/3A DC Power Supply for Security DVR
- (1) IR Remote Control & Mouse
- (1) Software and Manual

Warranty

1 Year Warranty Included (2 Year Warranty available for \$150)



16CH CCTV H.264 Surveillance DVR 8x Indoor CMOS Camera 8x Outdoor CMOS Camera Security System \$1,015.00

Installation Starting Price \$1,650.00

**** 1Tb Hard Disk Drive \$85.00 or 2Tb \$120.00 Extra ****

**** 19.5" LED Backlight LCD Monitor \$155.00 Extra ****

**** Please indicate which system you require as the following systems are available – 8x Indoor & 8x Outdoor, 16x Indoor and 16x Outdoor ****

CMOS Camera Specifications

Image Sensor: 1/3" Color Cmos Sensor.

TV System: PAL/NTSC.

Effective Pixels: PAL: 500H×582V NTSC: 510H×492V.

Effective Pixels: PAL: 600 TV-Lines.

Scanning System: 2:1 Interlace.

Number of IR LEDs: 22pcs (For Dome Camera).

Number of IR LEDs: 48pcs (For waterproof bullet Camera).

Minimum Illumination: 0 Lux (IR ON).

Infrared Illumination (Night Vision): Visible up to 33ft.

Synchronization System: Internal Synchronization

S/N Ratio: 48dB.
Gamma: 0.45.
Auto Gain Control: Built-in.
Lens Mount Board Lens: 3.6mm.
Operating Temperature:-20C ~50C / -5F ~ 120F.
Weatherproof: Yes.
Power: DC 12V.
Video Out: 1.0V p-p 75 Ω, BNC Connector.
Auto Iris: Video / DC.
Back Light Comp: Auto.
Auto White Balance: Auto.
Protection Rating: IP 66.

DVR Specifications

Embedded Linux OS
H.264 Hardware Compression
Video Input / Output: BNC 16/BNC 2
Video Output: VGA
Audio Input / Output: RCA 2/RCA 1
Signal System: NTSC / PAL
Display: 480 fps
Record: 480 fps
Recording Mode: Continuous/ Time Scheduled/ Motion Detected
Network: RJ45
Remote Access: Internet Explorer or Net viewer Software
Support Remote View via Smart Phone & 3G Mobile:
a) iPhone™
b) Google Android™
c) Blackberry™ OS V4.7
d) Windows Mobile™; Pro 5.0 & 6.1
e) Symbian™ S60 3rd & S60 5th
PTZ via RS-485 Port
Plug-n-Play

Box of Contents

- (1) R2016 DVR System without HDD.
- (16) Cmos Security Cameras.
- (6) 10m Video + Power All-in-one Cable for Security Camera.
- (6) 20m Video + Power All-in-one Cable for Security Camera.
- (4) 30m Video + Power All-in-one Cable for Security Camera.
- (2) 12V/7A 8 Port Power Supply for Security Camera.
- (1) 12V/3A DC Power Supply for Security DVR
- (1) IR Remote Control & Mouse.
- (1) Software and Manual

Warranty

1 Year Warranty Included (2 Year Warranty available for \$150)



Quad-band GSM Wireless Home SMS Alarm System Touch Screen with Two-way Sensors \$412.00

Installation Starting Price \$450.00

Alarm Specifications

- Elegant and advanced touch keypad for easy operation;
- 128x64 lattice LCD screen with clock display;
- 4 wired and 10 wireless defense zones; each wireless zone supports maximum 10 sensors;
- Support maximum 8 remote controllers; Built-in high-volume speaker, and artificial intelligent digital voice announcer;
- Built-in artificial intelligent English message;
- 10-second automatic voice message recording;
- Can preset 6 phone numbers: when alarming, system will make audio call to these numbers automatically;
- Can preset 3 SMS numbers: when alarming, system will send SMS;
- Timely arm and disarm;
- Can be used as a wireless telephone by using keypad to make calls;

One-key-control: out arm, home arm, arm by remote controller or phone call;
SOS, fire, gas, door, hall, window, balcony, and boundary places alarm;
Real-time, delay, 24 hours, bypass defense zones programming function;
Wireless learning code: easy to add additional wireless accessories;
Remote control the device to arm, disarm, monitor, and intercom by phone;
Record checking: the device can store 30 alarm records;
Different arm status: out arm, home arm, delay arm and timely arm;
Arm by different ways: panel keypad, remote controller, and remote call;
Alarm call has the priority: even when the number of the device is busy;
Built-in LI battery: automatically recharge

Box of Contents

Main Unit (with back up battery) x1
Key Chain Remote x 4
Door / Window Sensors Two-way x 13
Wireless PIR Detector Two-way x 6
Wireless Smoke Detector x 1
Wireless Glass Break Detector x 1
Wireless Password Keypad x 1
Wired Siren x 1
English Manual x 1

Item Specifications

Keypad/Control Unit

Input Voltage: DC12V/1A
Stand-by Current: <35mA
Alarming Current: <450mA
Siren Volume: 100~110dB
Back up Battery: NI-HI AAA*6 DC7.2V
GSM Frequency: 850/900/1800/1900MHz
Wireless frequency: 433 MHz

Wireless remote controller

Power: 12V battery x 1 pcs (battery included)
Static Current: $I_1 = 0$
Transmission Current: $I_2 \leq 15\text{mA}$
Transmission Time: $\geq 1\text{s}$
Transmission Distance: 80m (No Obstacle)
Operational temperature : -10°C to 40°C (approx. 14°F ~ 104°F)
Humidity: $\leq 90\%$

Wireless Motion Detector Two-way

Frequency: 433 MHz
Built-in antenna
Detection distance: 12 meters
Detection range: 110 degree
Operating power: 9V
Low battery indication
Anti-tamper switch for front cover
Battery included

Wireless Door/Window Sensor Two-way

Transmission frequency: 433MHz
Operating Power: 23A 12V
Built-in Antenna
It will send the alarm signal to control host once the door or window is opened
Low battery indication
Battery included

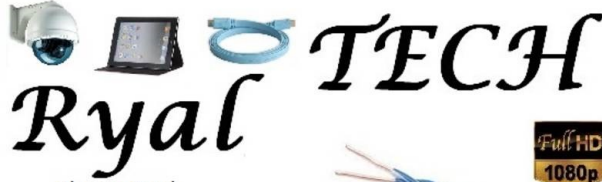
Wired Siren

Sound: 110 dB/m
Working current: 150~ 200mA
Operational temperature: - 25~+55°
Humidity: ≤90%
Easy to install (just plug in) to the Control Panel/Main Unit.
Loud with 110 dB while the alarm system is triggered.

Warranty

1 Year Warranty Included

**** To place an order or if you have any further questions or queries please contact Shaun at RYALTECH via email or phone ****



Shaun Ryal
PHONE 0404050133
EMAIL shaunryal@hotmail.com
POSTAL Po Box 113 Officer, VIC, 3809



www.ryaltech.com.au

