



IC REALTIME[®]
Security Solutions



Professional Security Products Catalog

IC REALTIME[®]
Security Solutions

Your Security is Our Business

IC Realtime[®] designs and manufactures security solutions that not only help organizations to enhance the effectiveness of their security operations, but also improve their overall business performance.

Detecting and identifying security threats in real-time is one of the most critical challenges facing organizations today. IC Realtime[®] has created video and biometrics solutions that identify threats as they occur and automatically alert management of potential breaches. With easy, event-driven access, IC Realtime enables its customers to immediately review events and investigate incidents as fast and as effectively as possible.

IC Realtime[®] offers a full line of digital video solutions in a user friendly solution platform. Combining superior video compression, high grade video networking and high-capacity recording all in one complete system, IC Realtime[®] meets the needs of even the most complex installations. Our DVR line has the latest in technology - from our industry leading 4 TB of internal storage to our multi view platform which allows multiple IP addresses to be viewed from one central monitoring station.

Become an authorized IC Realtime[®] dealer and enjoy:

- 3 year warranty on all products
- Same day shipping
- Dedicated sales support
- Business and residential leasing programs
- Network and product training
- Co-Op Advertising

Professional Security Systems for Business & Industry



IC Realtime[®] is constantly designing and manufacturing innovative security products that not only provide top notch security but also give the user information and management tools. We realize that security and information go hand in hand; we offer solutions, not just products.

**Your Security
is our Business**

All of ICR's DVRs (digital video recorders) possess the latest cutting edge technology.

The ICR PRO DVR has a Motorola™ Main Board Processor and utilizes the lightning fast Blackfin™ Video Processors.

The DVR uses H.264 compression and an embedded proprietary based RTOS. This compression technology allows for clean viewing on the Internet and dramatically increases storage space. The Pro Line is realtime 480x480 FPS machine with synchronized audio and video on each channel. This is one of only a select few DVRs on the market that have audio/video on all 16 channels. The complete ICR DVR series can hold up to 6 TB worth of internal memory utilizing 4 IDE ports. This allows for months worth of realtime recording on up to 16 channels. There are multiple ways of browsing the system, you can use the easy VCR like controls on front panel of the DVR, IR remote control or the USB mouse interface (Mouse on Flex model). The machine operates on a LAN, WAN, or Internet as well. Viewing of live and recorded images over the Internet can be done with no additional software. Not only can you view images over the Internet, but you have full administrative power to re-configure the entire system remotely. This means, setting frame rate, adjusting and setting motion, alarm recording, as well as, viewing all event logs from an off site location.

ICR has implemented unique features, such as our two way audio which allows two way audio through the Internet. It allows a security guard on an offsite location to warn a possible offender to leave the premises through the internet. This is a feature that will be used much more in the future as we see remote video monitoring grow to the level of alarm monitoring. This is yet another example of how ICR stays ahead of the curve.



Main features at a glance

- Embedded TCP/IP protocol for Internet Access
- H.264 Compression Mode
- Ethernet Connection Port for LAN, WAN and Internet
- Embedded TCP/IP protocol and Operating System
- Built-in Sony CD/DVD Burner (upgradable to DVD Burner, Flex Series only)
- IR Remote Control
- Real-time recording (synchronized audio and video on all channels) 480x480
- 30 FPS Per Channel
- USB mouse Interface
- Up to 6 TB Internal Storage
- Multi Level Password Protection
- Two Way Audio



4/8/16 Ch Realtime DVR Pro



Features:

- Motorola™ Main Board Processor
- Blackfin™ Video Processor
- Embedded Proprietary RTOS
- H.264 Compression
- Pentaplex Operation
- Up to D1 Recording
- Synchronized A/V Recording
- 120/240/480 FPS Recording - NTSC
- 100/200/400 FPS Recording - PAL
- Easy to Use OSD
- Up to 6 TB Internal

SPECIFICATION	ICR 4/8/16 PRO
Main Board Processor	High Speed Motorola Processor
Operating System	Embedded Proprietary RTOS
Video Input	4/8/16 CH Composite BNC (NTSC/PAL) 1.0Vp-p 75 Ohms
Audio Input	4/8/16 Channel Audio BNC 200-2000mV 10k Ohms
Video Output	1 Channel Composite BNC (NTSC/PAL) 1.0Vp-p 75 Ohms 1 CH VGA (Computer Monitor)
Audio Output	1 Channel Audio BNC 3000mV 1k Ohms
Video Output Display	1, 4, 6, 9, 13, 16 Screen
Video Standard	NTSC (525 Line, 60 Field Per Second), PAL (625 Line, 50 Field Per Second)
System Resources	Pentaplex Action: Recording, Replay, Network Access and Back-up Simultaneously
Image Resolution	Live View: 1024 x 768 Recording/Playback: D1 (NTSC 704x480, PAL 704x576) or CIF Network Monitoring: D1 (NTSC 704x480, PAL 704x576) or CIF
Image Compression	H.264/MPEG4
Audio Compression	ADPCM G.723 8K
Image Quality	5 Levels Adjustable Per Channel
Video Recording Speed	Realtime, NTSC 1 to 30 FPS Adjustable, PAL 1 to 25 FPS Adjustable Per Channel
Data Flux	Audio: ADPCM 14.4MB/Hour; Video: 56~900MB/Hour
Motion Detection	Configurable Per Channel; 192 Detective Areas; Multiple Sensitivity Levels
Hard Disk	Internal 4 IDE Ports, Up To 8 Large Size Hard Disks
Alarm Input	4/8/16 Channel Alarm Inputs
Alarm Output	3/4/4 Channel Relay Outputs
Network Interface	RJ45 10M/100M
PTZ Control	RS 485, RS 232
USB Interface	1 USB Port, USB CD/DVD Drive
CD Burner	Supports External USB / CD / DVD Burner
Power Supply	110V +/-10% 60Hz; 220V +/-20% 50 Hz
Power Consumption	43W (Without HD) Only
Case	Industrial Standard 2U Metal Case; Rack Mountable
Weight	11Kg (25 lb) without HD
Operation Environment	Temp: -14F~+130F; Humidity: 10%~90%; Pressure: 86kpa-106kpa

ICR 4/8/16 PRO

Graphic User Interface

- Informative, Intuitive Menu
- Direct and Fast Response
- 4 Ways of Access to the Menu

Remote Access over Internet

- Direct Web Access using IE Browser
- Live View, Playback, Configuration Remotely
- Viewing Multiple Cameras at Once
- User/Camera Association for Privacy Protection
- Able to view multiple IP addresses on the same screen

Audio

- Audio/Video Synchronized Recording
- Remote Audio Monitoring
- Two Way Audio through DVR Remotely

Back-up

- Flexible Multiple Back-up Mechanisms
- Support USB Storage Device Back-up
- Download Video/Audio files to PC



Client Software



The ICR PRO Client software is truly unique. It allows you to view multiple IP addresses simultaneously on one screen.* You can view up to 16 different IP addresses at once or you can use the 16 windows for what you like. An example of this would be, you want to view 3 separate locations but you want to see 8 cameras from one, 4 from another and 4 from the third location.

The ICR client software lets you view a live feed as well as recorded images side by side on the same screen. This allows you to watch live video and archived data from the hard drive to compare the video with ease.

The software also allows you to set up a custom mapping system to keep track of all your IP addresses and locations. You can fully configure all of the DVR parameters and settings through the client software or IE.



You can configure the DVR remotely via these user friendly menus. You can also set the motion and alarm settings.



* You must have adequate bandwidth to stream multiple IP addresses.

ICR 4 FLEX / ICR 8 FLEX / ICR 16 FLEX



Features:

- Embedded Linux OS
- Mpeg4/H.264
- Triplex Operation
- Synchronized A/V
- 30/60/120 FPS Recording - NTSC
- 25/50/100 FPS Recording - Pal
- Internet Accessible
- Two Way Audio
- Up to 4 TB Internal
- USB Mouse Interface
- Supports External Raid Storage / up to 12 additional hard drives

SPECIFICATION	ICR 4/8/16 FLEX SERIES
Main Board Processor	AMD SC1200/266 Multi-Media Processor
Operating System	Embedded LINUX
Video Input	4/8/16 CH Composite BNC NTSC/PAL 1.0 1.0Vp-p 75 Ohms
Audio Input	4/8/16 Channel Audio BNC/RCA 200-3000mV 10k Ohms
Video Output	2 Channel Composite BNC (NTSC/PAL) 1.0Vp-p 75 Ohms 1 CH VGA (Computer Monitor)
Audio Output	1 Channel Audio BNC/RCA 200-3000mV 5k Ohms
Video Output Display	1, 4, 9, 16 Screen
Video Standard	NTSC (525 Line, 60 Field Per Second), PAL (625 Line, 50 Field Per Second)
System Resources	Triplex Action: Recording, Replay, Network Access Simultaneously
Image Resolution	Live View: (NTSC 704x480, PAL 704x576) Recording/Playback: CIF (NTSC 352x240, PAL 352x288)
Image Compression	MPEG - 4/H.264
Audio Compression	ADPCM
Image Quality	6 Levels Adjustable Per Channel
Video Recording Speed	Realtime, NTSC 1 to 30 FPS Adjustable, PAL 1 to 25 FPS Adjustable Per Channel
Data Flux	Audio: ADPCM 14.4MB/Hour; Video: 56~900MB/Hour
Motion Detection	Configurable Per Channel; 192 Detective Areas; Multiple Sensitivity Levels
Hard Disk	8 & 16 Channel (Internal 4 IDE Ports, Up To 8 Large Size Hard Disks)
Alarm Input	4/16/16 Channel Grounding Alarm Inputs
Alarm Output	3/6/6 Channel Relay Outputs (Relay: 30VDC 2A; 125VAC 1A)
Network Interface	RJ45 10M/100M Auto
PTZ Control	RS485, RS232
USB Interface	2 USB1.1 Ports (Front & Back); Compatible with USB Mouse, U-Drive, USB Hard Drive
CD Burner	Built-in Sony 52x48x24 CD-R, RW Drive (Upgradable to DVD-RW)
Power Supply	110V +/-10% 60Hz; 220V +/-20% 50 Hz
Power Consumption	43W (Without HD) Only
Case	Industrial Standard 2U Metal Case; Rack Mountable
Weight	11Kg (25 lb) without HD
Operation Environment	Temp: -14F~+130F; Humidity: 10%~90%; Pressure: 86kpa-106kpa

ICR 4/8/16 FLEX

Graphic User Interface

- Informative, Intuitive Menu
- Easy to Use USB Mouse
- Direct and Fast Response
- 4 Ways of Access to the Menu

Remote Access over Internet

- Direct Web Access using IE Browser
- Live View, Playback, Configuration Remotely
- Viewing Multiple Cameras at Once
- User/Camera Association for Privacy Protection

Audio

- Audio/Video Synchronized Recording
- Remote Audio Monitoring
- Two Way Audio through DVR Remotely

Back-up

- Flexible Multiple Back-up Mechanisms
- Built-in CD Burner for Direct Back-up
- Support USB Storage Device Back-up
- Download Video/Audio files to PC

Client Software

The Flex software is very user friendly and was designed with the end user in mind. All of the menus are clear cut and straight forward allowing the consumers to learn the product quickly.

The enterprise software below allows for multiple IP addresses to be viewed as well as live view and playback simultaneously. You also have the ability to fully configure the DVR online and change all user rights as well.



The Multi Client software allows you to store up to 100 separate IP addresses. It allows you to review recorded data from separate DVRs at the same time. Full PTZ control is also at your finger tips with either the standard software or the enterprise software. Each location and camera can be named individually.



24/32 Channel Embedded Stand Alone DVR



Description

This is one of the only embedded 24/32 Channel DVR's in the world. It was designed with a large commercial/governmental installation in mind. It is capable of recording in realtime on all 32 channels (960x960fs) and also has 16 channels of synchronized audio. It has 4 port video matrix, which is fully configurable for each port. It has an internal storage capacity of up to 4.5TB utilizing the lightning fast SATA hard drive.

Specifications ICR 24/32 CH PRO DVR

	ICR 24 PRO	ICR 32 PRO
Main Board Processor	IDT Duo Microprocessors	IDT Duo Microprocessors
Video Processor	BlackFin (ADI) video processor	BlackFin (ADI) video processor
Operation System	Real-time operating system (RTOS)	Real-time operating system (RTOS)
Video Standard	NTSC (525 line, 60f/s), PAL (625 line, 50 f/s)	NTSC (525 line, 60f/s), PAL (625 line, 50 f/s)
Video Compression	MPEG-4 CBR (fixed frame rate) / MPEG-4 VBR (variable frame rate) / MPEG4 Part 10 (H.264)	MPEG-4 CBR (fixed frame rate) / MPEG-4 VBR (variable frame rate) / MPEG4 Part 10 (H.264)
Video Input	24 Channel Input	32 Channel
Video Input Signal	NTSC/PAL, BNC (1.0Vp-p,75 Ohms)	NTSC/PAL, BNC (1.0Vp-p,75 Ohms)
Video Output	1 Channel PAL/NTSC, BNC video signal (1.0Vp-p 75 Ohms) video signal or VGA display (optional connection equipment)	1 Channel PAL/NTSC, BNC video signal (1.0Vp-p 75 Ohms) video signal or VGA display (optional connection equipment)
Audio Compression	ADPCM G.723 8K	ADPCM G.723 8K
Audio Input	16 Channel Input	16 Channel Input
Audio Input Signal	16 BNC (200mV-2000mV, 10K Ohms)	16 BNC (200mV-2000mV, 10K Ohms)
Audio Output	1 Channel BNC (3000mV, 1K Ohms)	1 Channel BNC (3000mV, 1K Ohms)
System Resource	Real-time recording, one channel playback, network real-time monitor, network playback simultaneously	Real-time recording, one channel playback, network real-time monitor, network playback simultaneously
Image Resolution	Real-time monitor 704x480, Playback 352x240, VGA output 1024x768 or 800x600	Real-time monitor 704x480, Playback 352x240, VGA output 1024x768 or 800x600
Motion Detection	Area setting: 192 detection areas on the screen; Detection sensitivity setting: 0-99	Area setting: 192 detection areas on the screen; Detection sensitivity setting: 0-99
Video Recording Speed	1-30 fp/s Variable per channel (NTSC)	1-30 fp/s Variable per channel (NTSC)
Total Recording Speed	30 Frames Per Second per Channel (720x720)	30 Frames Per Second per Channel (960x960)
Image Quality	5 Levels selectable	5 Levels selectable
Hard Disk	Total 6 SATA Devices, Max 4.5TB internal storage	Total 6 SATA Devices, Max 4.5TB internal storage
Hard Usage	35-1000M/Hour	35-1000M/Hour
Alarm Output Ports	3 channels output, output in open/close contact (the third channel is controllable +12V output)	3 channels output, output in open/close contact (the third channel is controllable +12V output)
Alarm Input Ports	8	8 Channel
Alarm Relay	30VDC 1A, 125 VAC 0.5A (relay output)	30VDC 1A, 125 VAC 0.5A (relay output)
Network Connection	RJ45 10M/100M Ethernet connection	RJ45 10M/100M Ethernet connection
Modem Connection	RS232	RS232
Pan-tilt Control	RS485	RS485
Power	110VAC / 220VAC	110VAC / 220VAC
Power Consumption	28Watt (w/o HD)	43Watt (w/o HD)
Working Temperature	-14°F ~ +130°F	-14°F ~ +130°F
Working Humidity	10% - 90%	10% - 90%
Barometric Pressure	86kpa - 106kpa	86kpa - 106kpa
Size	2U standard industrial case, 440(L)x430(D)x90(H) mm, 17.4"(L)x16.9"(D)x 3.5"(H)	2U standard industrial case, 440(L)x430(D)x90(H) mm, 17.4"(L)x16.9"(D)x 3.5"(H)
Weight	30 LB (without HD)	30 LB (Without HD)

ICR 3600 D/N

Features:

Fast & Silent

- 1/4 Inch Sony EX-VIEW CCD 520 TV Lines
- Shortest Path by Vector Drive Technology
- High Accuracy with Micro-Stepping Control Technology
- Smooth Motion at High Zoom Magnification Mode
- Lightning Speed (MAX. 360°/sec) & Smooth Manual Speed (MIN. 0.05°/sec)
- Lowest Noise & Lowest Vibration
- Endless 360° Pan Rotation

Superior Zoom Camera

- X432 Zoom Control (Optical X36, Digital X12)
- Day & Night (IR Cut Filter) With DSS

Powerful Functions

- Independent Preset Characteristic Setup (AE, WB and etc.)
- 128 Preset Positions with Alphanumeric Labels
- 4 Pattern, 8 Swing and 8 Group Functions
- 8 Privacy Zones (Spherical Coordinates)
- Auto Flip, Auto Parking, Power-up Action
- On-Screen Display On/Off
- Built-in Sensor In/Out Function (4 In / 2 Out)
- Built-in Fan & Heater/IP66 Weather-Proof
- Vandal-Proof Case



3600 Description

The ICR 3600 is a high speed PTZ dome camera which can pan a full 360 degrees in 1 second. Having 36X optical zoom and 520 TV lines of resolution the ICR 3600 produces excellent picture quality and extremely high zoom capability. Performance of this camera at night is really something to behold. This PTZ camera incorporates a "SONY EXview HAD™ CCD for high sensitivity in extreme low light environments. For optimized sensitivity in both day and night-time shooting applications, the ICR 3600 incorporates an Auto ICR (mechanical IR cut filter). With its DSS (digital slow shutter) function IC Realtime takes Day/Night to the next Level. This PTZ can achieve full color in as low as 0.002 LUX. The ICR 3600 is IP66 weatherproof as well as fully vandal proof which make it perfect for all installations both indoor and outdoor.

The ICR 3600 works perfectly with either our Pro or the Flex DVR. It is one of only a few speed domes in the world that has 36X optical zoom capabilities. All of the OSD (on screen display) menus can be accessed directly through the DVR interface. You can set all of the presets as well as tours, patterns and swings via the DVR with no additional joystick or controller. This camera is great when the normal range of a speed domes will just not do.

2200 Description

The ICR 2200 is a high speed PTZ dome camera which can pan a full 360 degrees in 1 second. Having 22X optical zoom and 480 TV lines of resolution the ICR 2200 produces excellent picture quality and extremely high zoom capability. Performance of this camera at night is really something to behold. This PTZ camera incorporates a "SONY Super HAD™ CCD for high sensitivity in extreme low light environments. For optimized sensitivity in both day and night-time shooting applications, the ICR 2200 incorporates DSS (digital slow shutter) function. DSS takes Day/Night to the next Level. This PTZ can achieve full color in as low as 0.002 LUX. The ICR 2200 is IP66 weatherproof as well as fully vandal proof which make it perfect for all installations both indoor and outdoor.

The ICR 2200 works perfectly with either our Pro or the Flex DVR. All of the OSD (on screen display) menus can be accessed directly through the DVR interface. You can set all of the presets as well as tours, patterns and swings via the DVR with no additional joystick or controller.

ICR 2200 D/N

Features:

Fast & Silent

- No Accumulative Error with Preset Function
- 1/4 Inch Sony CCD 480 TV Lines
- High Accuracy with Micro-Stepping Control Technology
- Smooth Motion at High Zoom Magnification Mode
- Lightning Speed (MAX. 360°/sec) & Smooth Manual Speed (MIN. 0.05°/sec)
- Lowest Noise & Lowest Vibration
- Endless 360° Pan Rotation

Superior Zoom Camera

- X220 Zoom Control (Optical X22, Digital X10)
- Day & Night (DSS)

Powerful Functions

- Independent Preset Characteristic Setup (AE, WB and etc.)
- 128 Preset Positions with Alphanumeric Labels
- 4 Pattern, 8 Swing and 8 Group Functions
- Auto Flip, Auto Parking, Power-up Action
- On-Screen Display On/Off
- Built-in Sensor In/Out Function (4 In / 2 Out)
- Small Size / Built-in Fan & Heater / IP66 Weather-Proof
- Vandal-Proof

Conventional PTZ



ICR 3600 D/N



Conventional PTZ



ICR 2200 D/N



ICR - 1800 Auto Tracking Dome



Description

The ICR 1800 Auto Tracking Dome works amazing well for tracking both people and vehicles. It has high resolution and Low light performance. This dome is perfect for restricted areas where admittance is not allowed and therefore any intruder must be followed.

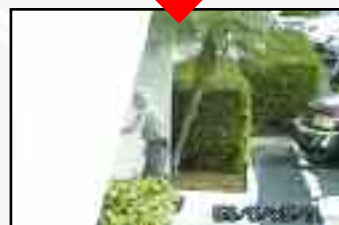
Features ICR - 1800 Auto Tracking Dome

- Motion auto tracking, intelligent surveillance with alarm function
- Preset, auto cruise and pattern scan function
- Multi communication protocol compatibility, baud rate is changeable
- 360° Continuous Pan, 0° to 9° Tilt From Horizontal Plane, auto flip 180°
- Iris, BLC, Focus and WB have auto and manual mode

Specifications ICR - 1800 Auto Tracking Dome

Signal Format	PAL/NTSC
Image Sensor	1/4 inch Color CCD
Horizontal Resolution	480TVL
Pan/Tilt Speed	Pan:0.05° ~400°/ sec; Tilt:0.03° ~240°/sec
S/N Ratio	Not less than 50DB
Illumination	0.01Lux
IR Cut Filter	YES
AGC	Auto/Manual
BLC	Auto/Manual
Optical Zoom	18x
Digital Zoom	2X
LENS	F1.6-F3.8 f=4-88mm
Panning Range	Pan:0° ~360° continuous;Tilt:0° ~ 90°
Preset Position Number	256
Auto Cruise	Auto switch from 0 to 54 preset positions sequentially
Pattern Scan	P/T/Z scan from 55 to 63 preset positions automatically
Comm. Port	RS485
Baud Rate	1200bps;2400bps;4800bps;9600bps;19200bps
Spectra Address	0 ~255
Power Supply	DC12V 15W
Track Speed	0° ~ 100° /sec
DSS	Yes

Dome follows person





Surface Mount

Flush Mount

Features:

- 1/4" IT Color Sony CCD with 410K(N) and 470K(P) pixels
- Auto focus 10X optical zoom (10X digital Zoom)
- Day & Night with ICR
- 360° continuous rotation
- Clear image of 530TV lines (B/W: 580TV line)
- Noiseless low light image with SDNR
- Excellent Impact-Resistant and Rain/Wind-Proof Design
- 165 preset Positions
- 8 group tours, 8 patterns (Total 480 seconds)
- Auto Flip Function, Auto Scan, Privacy Zone Alarm on action
- Max. 200°/sec Pan & 200°/sec Tilt speed

Main Functions

10X Zoom AF Optical Zoom

The new Mini-PTZ can effectively monitor a subject in a remote area with a built-in 10x auto focus optical zoom lens. Combined with a 10x digital zoom, it realizes a total zoom capability up to 100x enabling users to identify a distant object more clearly. In addition, installation has got much easier due to the powerful zoom function and service monitoring output support, ensuring optimal positioning of the camera.



Enhanced Backlight Compensation

Mini-PTZ supports more enhanced BLC function so that the image of a subject is not blurred to avoid the optimized exposure in back light. When installed in the lobbies of large buildings, this camera accurately identified a subject.



High Resolution 530TV lines

The camera employs unique DSP chipset and high performance CCD sensor to capture high-resolution images of 530TV lines in color. And it achieves higher resolution of 570TV lines by automatically switching to monochrome mode at night for clearer identification.



Superior Auto White Balance

The range of lighting conditions for automatic white has been expanded to 1,800°K ~ 10,500°K, enabling balanced implementation of original colors under sodium lights such as a tunnel of motorway.



Excellent Impact-Resistant and Rain/Wind-Proof Design

The Mini-PTZ has a high strength and durable exterior material of die-cast aluminum main body and polycarbonate dome. With excellent durability that passes the strict international UL standard test, the camera performs its functions regardless of intentional damages to the camera. With dust and rain resistant design which meets the IP66, the unit can prevent rapid aging and frequent malfunctions of the dome.



Day & Night with High Sensitivity of 0.0005Lux

Day & Night Function with the infrared Cut filter Removal (ICR) method implements color images by day and switches automatically to 570TV lines B/W mode with high resolution at night. The minimum light has been brought down to 0.0005Lux, and low light associated noise and image dragging (ghosting) have been drastically reduced by applying SDNR technology.



Flexible 165 Preset Position & Auto-Surveillance

Mini-PTZ dome delivers surveillance coverage of a wide area by pre-setting to a maximum of 165 positions; this enables the user to preset the area to be monitored at any time. Users need only select the important sectors to be surveyed carefully. Users can control the speed and dwelling time of pan swing and tilt swing, and the preset positions can be set by group tour sequence. 165 preset position : 16-character label available for each position with different speed 16-character label available for each position with different speed steps 8 Patterns Trace : Allows manual operation for about 480 seconds 8 Group Tours : Switches and checks 64 presets on each group tour Auto Swing : Repeat pan and tilt between two preset position.



Privacy Masking

When the Mini-PTZ is observing a wide area, the captured images can be "masked" for privacy purpose. Users can easily configure the size and position of up to 4 required privacy zones.



ICR 540 IN

Specifications ICR 540 IN

Video Sensor:	SONY 1/3" SUPER HAD DSP CCD
Resolution:	540 TV Lines
Lens:	Varifocal 3.8-9.5mm
Scanning system:	2:1 interlace
S/N Ratio:	> 50 dB (ACG Off)
Video Output:	1Vp-p, 75 Ohm
Picture elements:	811(h) x 508(V)
Minimum Illumination :	0.3Lux Color, 0.1Lux B/W, 0.002Lux Color (night mode)
Day and Night Shutter:	Mechanical shutter to filter out color interference during night
DNR:	Dynamic Noise Reduction
BLC:	Super Back Light Compensation
Motion Detection:	On/Off (4 Programmable Zones)
Mirror Function:	Built-in (Horizontal Image Inversion)
Privacy Function:	On/Off (4 Programmable Zones)
Operating Temperature:	-10°C to +45°C (14°F to 113° F)
Power Supply:	12 VDC (+/- 0.5V)
Power Consumption:	250mA



Description

This is the next generation of dome cameras. It features a 1/3" Sony Super HAD Sensor with 540 lines of resolution. It works well in extremely low light with its super BLC for WDR-like performance. This camera has an auto iris varifocal lens and has digital noise reduction and an OSD (on screen display) menu. It also comes with a true day/night feature as well as privacy mode.

Features ICR 540 IN

- 540 TV Lines
- True Day/Night Feature
- Digital Noise Reduction (increases HD storage up to 75%)
- Super Low Lux in Color
- Wall or Ceiling mount
- Vari focal lens 3.8 - 9.5mm

ICR 540 VD

Specifications ICR 540 VD

Video Sensor:	SONY 1/3" SUPER HAD DSP CCD
Resolution:	540 TV Lines
Lens:	Varifocal 3.8-9.5mm
Scanning system:	2:1 interlace
S/N Ratio:	> 50 dB (ACG Off)
Video Output:	1Vp-p, 75 Ohm
Picture elements:	811(h) x 508(V)
Minimum Illumination :	0.3Lux Color, 0.1Lux B/W, 0.002Lux Color (night mode)
Day and Night Shutter:	Mechanical shutter to filter out color interference during night
DNR:	Dynamic Noise Reduction
BLC:	Super Back Light Compensation
Dual Voltage:	12VDC/24VAC
Motion Detection:	On/Off (4 Programmable Zones)
Mirror Function:	Built-in (Horizontal Image Inversion)
Privacy Function:	On/Off (4 Programmable Zones)
Operating Temperature:	-10°C to +45°C (14°F to 113° F)
Power Consumption:	250mA



Description

This is the next generation of Vandal dome cameras. It features a 1/3" Sony Super HAD Sensor with 540 lines of resolution. It works well in extremely low light with its super BLC for WDR-like performance. This camera has an auto iris varifocal lens and has digital noise reduction and an OSD (on screen display) menu. It also comes with a true day/night feature as well as privacy mode.

Features ICR 540 VD

- 540 TV Lines
- True Day/Night Feature
- Digital Noise Reduction (increases HD storage up to 75%)
- Varifocal 3.8 - 9.5mm
- Super Low Lux in Color
- Conduit Pipe In
- Vandal proof rugged casing
- DUAL VOLTAGE 12VDC / 24VAC

Vandal Mini Dome Camera

Specifications ICR-VMD

TV System:	PAL/NTSC
Image Sensor:	1/3" SONY Color CCD
Resolution:	420 TVL
Gain Control:	Auto
Whit Balance:	Auto
Effective Pixel:	297K
S/N Ratio:	>50dB
Min. Illumination:	0.5 Lux
Electronic Shutter:	1/50~1/10000 (PAL), 1/60~1/12000 (NTSC)
Video Output:	Composite (BNC) 1.0V p-p 75 Ohm
Lens:	3.6mm
Power Supply:	12 VDC



Description

More discrete than non-dome security cameras, mini dome cameras are ideal for surveillance sites where cameras need to be less noticeable, such as building entrances, convenience and retail stores and shopping malls.

IC Realtime®'s new rugged, fixed mini dome color camera incorporates a 1/3" Sony sensor for outstanding picture quality (420 TV lines) and excellent sensitivity of 0.5 LUX. It comes standard with a 3.6 mm lens that is easily changed out for other lenses up to 12 mm.

Specifications ICR-MD

TV System:	PAL/NTSC
Image Sensor:	1/3" SONY Color CCD
Resolution:	460 TVL
Effective Pixel:	297K
S/N Ratio:	>50dB
Min. Illumination:	2.0 Lux
Electronic Shutter:	1/50~1/10000 (PAL), 1/60~1/12000 (NTSC)
Video Output:	Composite (BNC) 1.0V p-p 75 Ohm
Lens:	3.6mm
Power Supply:	12 VDC



Mini Dome Camera

Description

This Mini Dome Camera can be used in multiple indoor applications. Its small size and low profile allow this camera to virtually go undetected in many installations.

It comes standard with a 3.6 mm lens that can easily be changed to any size all the way up to 12mm. It has a Sony 1/3" color sensor as well as a bi-rotating mount which makes focusing a snap.

ICR-200 IRVD - Outdoor IR Vandal Proof Dome Camera

Specifications ICR-200 IRVD

Photo-Image Sensor:	1/3-inch Sony Super HAD CCD
Resolution:	480 TV lines
Effective Pixel Count:	PAL: 752 (H) x 582 (V) NTSC: 768 (H) x 492 (V)
Minimum Illumination:	0.1 - color, 0 Lux - night vision (Infrared LED on)
Infrared LED Range:	50 feet
Video Output:	BNC 1.0Vp-p/75 Ohm
AES:	Auto
Standard Lens:	3.6mm fix lens
Power Consumption:	350mA
Power:	12V DC
Dimensions (W x D):	94 x 70 mm (3 3/4 x 2 2/3 inch)
Operating Environment:	-10 to 40 degree C (14 to 104°F)



Description

The ICR 200 IRVD is an indoor/outdoor vandal proof IR dome. Its small size allows for an easy fit for all installs. This camera features a flat glass front and blue long range IR's.

The flat glass does not allow any IR reflection to come back into the Len's (the most common complaint among IR domes) and it's long range IR's illuminate 50 feet in zero light.

ICR 540 CCD

Description

This is the next generation of CCD cameras. It features a 1/3" Sony Super HAD Sensor with 540 lines of resolution. It works well in extremely low light with its super BLC for WDR-like performance. This camera supports auto iris lens and has digital noise reduction and an OSD (on screen display) menu. It also comes with a true day/night feature as well as privacy mode.



Specifications ICR 540 CCD


Video Sensor:	Sony 1/3" Super HAD DSP CCD
Resolution:	540 TV Lines
Picture elements:	811(h) x 508(v)
Minimum Illumination :	0.3Lux Color, 0.1Lux B/W, 0.002Lux Color (night mode)
Day and Night Shutter:	Mechanical shutter to filter out color interference during night
Scanning system:	2:1 interlace
S/N Ratio:	> 50 dB (ACG Off)
DNR:	Dynamic Noise Reduction
BLC:	Super Back Light Compensation
Video Output:	1Vp-p, 75 Ohm
Motion Detection:	On/Off (4 Programmable Zones)
Mirror Function:	Built-in (Horizontal Image Inversion)
Privacy Function:	On/Off (4 Programmable Zones)
Operating Temperature:	-10°C to +45°C (14°F to 113° F)
Power supply:	12 VDC (+/- 0.5V) 24VAC
Power Consumption:	250mA

Features ICR 540 CCD

- 540 TV Lines
- True Day/Night Feature
- Digital Noise Reduction (increases HD storage up to 75%)
- Super Low Lux in Color
- Dual Voltage 12VDC/24VAC


Outdoor Aluminum Silver Housing

External				Cam Size				Window					Rating
L.Peak	L	W	H	L	W	H	Wgt	Dia(mm)	Glass(mm)	Material	Heater		
385	330	100	120	270	85	70	1070	63x57	3	AL	No		



Outdoor Aluminum Silver Housing w/ Heater and Blower 24V AC

External				Cam Size				Window					Rating
L.Peak	L	W	H	L	W	H	Wgt	Dia (mm)	Glass (mm)	Material	Heater/Blower		
385	330	100	120	270	85	70	10	70	63x57	3 AL	Yes	24VAC	



ICR 480 CCD High Resolution IR Sensitive Camera

Description

Great all around camera with built in audio. It features a Sony 1/3 sensor and a day/night shutter.

Features:

- SONY full function 1/3" High Resolution
- DSP color CCD - 480TVL 0.1Lux
- DAY & NIGHT IR Sensitive - AGC, AWB, Video / DC Drive - DC12V 150mA



Specifications ICR 480 CCD

Image Sensor	1/3" Sony High Resolution Color CCD
Horizontal Resolution	480 TV Line
Effective Pixels	760(H)x 494(V)
TV System	NTSC/PAL
Lens	C/CS Lens
Sync System	Internal
Iris Control	Video / DC Iris
Minimum Illumination	0.1 Lux/F2.0
S/N Signal	> 48 dB (AGC Off)
Gamma Correction	0.45
Video Out	BNC 1.0Vp-p, 75 Ohms
Scanning System	PAL:625 Lines, 50 Field/Sec;NTSC:525 Lines, 60 Field/Sec
Electronic Shutter Speed	1/60 ~ 1/12,000sec
Operation Temperature	14°f ~ +130°f
White Balance	Auto
Power Source	DC12V 400mA
Dimension	5.2"(w) x 2.44"(h) x 1.85" (d) (without lens)
Weight	550g (1.2lb)

ICR 420 CCD Economic Day/Night Camera

Specifications ICR 420CCD

Image Sensor	1/4" Sony High Resolution Color CCD
Horizontal Resolution	420 TV Line
Effective Pixels	510(H)x 492(V)
TV System	NTSC/PAL
Lens	C/CS Lens
Sync System	Internal
Iris Control	Video / DC Iris
Minimum Illumination	0.8Lux/F2.0
S/N Ratio	> 48 dB (AGC Off)
Gamma Correction	0.45
Video Out	BNC 1.0Vp-p, 75 Ohms
Scanning System	PAL:625 Lines, 50 Field/Sec;NTSC:525 Lines, 60 Field/Sec
Electronic Shutter Speed	1/60 ~ 1/12,000sec
Operation Temperature	14°f ~ 130°f
White Balance	Auto
Power Source	DC12V 400mA
Dimension	5.20"(w) x 2.44"(h) x 1.85"(d) (without lens)
Weight	550g (1.2lb)



ICR 150 Sony IR Color Camera

ICR 2000 Long Range IR Color Camera

Features:

- 1/3" Sony High Resolution Super-HAD CCD
- 550 TV Lines
- 28 Long Range IR's (100+ Feet)
- Vari-focal 4mm-9mm Auto Iris Lens
- Patented Design - external focus and zoom adjustment
- IP 66 Weatherproof



Description

This long range high powered infrared camera is ideal for capturing video and images where no lighting is available. Incorporating 28 long range IR's, the ICR-2000 is perfect for warehouses, parking lots, and any application where 100+ feet of IR range is needed. This camera utilizes a patented magnetic vari-focal lens which allows for a perfect seal to keep out the elements.

Specifications ICR 2000

- Image Sensor-1/3" Sony Super-HAD CCD
- Number of Pixels-NTSC: 768(H)?494(V) PAL:752(H)?582(V)
- Resolution-550 TV Lines
- Infrared LED-28 Long Range Spread Spectrum IR
- Beam Spread-850nm
- Radiant Distance-100 ft (at least)
- Shutter Control-NTSC 1/60~1/100,000 sec; PAL 1/50~1/100,000 sec
- S/N Ratio-48dB
- BLC-Back Light Compensation
- AES-Automatic Electronic Shutter
- AGC-Automatic Gain Control
- ATW-Automatic Tracing White Balance
- Lens-4.0mm~9.0mm F1.6 Auto Iris Vari-Focal Lens W/Magnetic Adjustments
- Weather Proof-IP66
- Power Source-AC/DC (12~24V) Dual Voltag

Description

This is ICR's most versatile camera. It can be used in almost any application, indoor or outdoor. It is IP55 and fully weather and crush resistant. It possesses the latest in IR (infra-red) technology, with its blue long range IRs capable of seeing in 0 lux up to 50 feet.

It has a built in audio microphone, easy top or bottom mount as well as a removable sun shield. The ICR 150 comes with a Sony Super HAD 1/3 inch high res sensor that provides 480 lines of resolution and a 3.6 mm fixed lens.

Features:

- IP55 Weatherproof Standard
- Water, Dust and Crush Resistant Glass Coating
- Built-in Weatherproof audio Microphone
- Long range IR LED Automatically Illuminates in dark
- 1/3" Sony Super HAD Sensor
- 3.6mm fixed Lens
- 480 TV Lines
- Tri-axis mount (top or bottom mount)
- Includes Power Supply



Specifications ICR 150

Image Sensor:	1/3" Sony Super HAD CCD
Video Output:	BNC 1.0Vp-p, 75 Ohms
Resolution:	480 TV Lines
Signal Format:	PAL/NTSC
Lens:	3.6 mm Fixed
S/N Ratio:	>48dB
Auto Shutter (AES):	1/60~1/20,000 sec.
Gamma Correction:	0.45
White Balance:	Auto 3200~10000°K
Sound:	Built in audio mic
Operating Temp:	-20° C to 50° C (-4 to 122°F)
Dimensions:	3.0" (L) x 2.1"
Net Weight:	10.6 oz. ~ 19.4 oz.

ICR-10X Day/Night Camera



Description

This camera is perfect for applications in which there is little or no light and high resolution can not be sacrificed. It is an excellent choice for license plate recognition as well as facial identification. When quality cannot be compromised this is the camera of choice. The ICR 10X day/night comes with 33 long range IR's as well as a filter changeable day/night shutter.

Rolling IR Cut Filter



Complete Darkness



Lights On

Features

- 1/4" Sony Super HAD CCD
- High resolution 500 TV Lines color and 570 B/W
- 10X optical zoom (3.8mm wide to 38mm tele)
- 8X digital zoom
- Remote Control W/spot monitor out (for easy set up and access to menu)
- True rolling day/night shutter
- 33 pcs IR-LED
- Excellent auto tracking white balance
- Color rolling suppression
- Multi OSD function (on screen display)
- DNR (digital noise reduction) increases and DVR disk space up 70 %
- Privacy Zone Masking (4 programmable zones per screen)
- Mirror Function (flips image)
- Weather Proof (IP 65)
- 0.7 Lux color / 0.1 Lux B&W / 0 Lux IR - on

Color 'Smoke Detector' Camera

Description

This realistic smoke detector camera is for viewing images in a home or office without allowing anyone to know they are being monitored.

The ICR smoke is easy to install and integrate into an ICR DVR system. It comes with a pinhole 3.6mm lens and a 1/4" Sony color CCD Sensor.

NOTE - This is an actual working smoke detector



Specifications ICR – SMOKE

TV System:	NTSC
Image Sensor:	1/3" Sony Color CCD
Resolution:	420 TVL
Picture Element:	512(H) x 492 (V)
Minimum Illumination:	0.1 Lux
S/N Ratio:	> 48 dB
Electronic Shutter:	> Up-to 1/100,000 sec
White Balance:	Auto White Balance
Gamma:	0.45
Lens:	3.7mm Pinhole Lens
Video Output:	BNC 1.0 Vp-p, 75 Ohms
Audio Output:	RCA Female
Power Supply:	12 VDC (+/-10%)
Power Consumption:	150 mA (+/-10%)
Operation Temperature:	-10C ~ 50C (14F ~ 130F)

ICR-PIR Color Motion Detector Camera

Description

This realistic motion detector camera is for viewing images in a home or office without allowing anyone to know they are being monitored. The ICR PIR is easy to install and integrated into a ICR DVR system. It comes with a pinhole 3.7mm lens and a 1/4" Sony CCD Sensor.

NOTE - This is an actual working motion detector



Specifications ICR - PIR

TV System:	NTSC
Image Sensor:	1/3" Sony Color CCD
Resolution:	420 TVL
Minimum Illumination:	0.1 Lux
S/N Ratio:	> 48 dB
Lens:	3.7mm Pinhole Lens
Video Output:	BNC 1.0 Vp-p, 75 Ohms
Audio Output:	RCA Female
Power Supply:	12 VDC (+/-10%)
Power Consumption:	150 mA (+/-10%)
Operation Temperature:	-10C ~ 50C (14F ~ 130F)

ICR-FSC (Fire Sprinkler Camera)

New Fire Sprinkler Camera with 3.7 Pinhole Lens 500 lines High Res.

Specifications ICR - FSC

Image Sensor:	1/3" SONY CCD
Picture elements:	EIA/NTSC: 512 H x 492 V - CCIR/PAL: 512 H x 582 V
Horizontal resolution:	500 TVL
Minimum Illumination:	0.1 Lux
Horizontal Sync. frequency:	EIA//NTSC: 15.734 KHZ - CCIR/PAL: 15.625 KHZ
Vertical frequency :	EIA//NTSC: 60 HZ - CCIR/PAL: 50 HZ
Clock frequency:	EIA//NTSC: 19.0699 MHZ - CCIR/PAL: 18.9375 MHZ
Lens:	Pinhole Lens 3.7mm
Video output:	1Vp-p, 75 Ohms
Gamma:	0.45
Power supply:	DC12V
Power Consumption:	150 mA
Storage Temperature:	-30°C ~ 60°C (-22 to 140°F)
Operation Temperature:	-10°C ~ 45°C (14 to 113°F)



4, 8, 16 Ch FLEX DVR PACKAGE

Choose between 4, 8 or 16 Channel Packages:

ICR Flex 4 Pack

- 1 X 4 CHANNEL EMBEDDED DVR WITH 80gig HD (Upgradeable to 4 TB) + BUILT-IN SONY CD BURNER
- 4 X INDOOR/OUTDOOR WEATHERPROOF CAMERAS
- 4 X 100 FT PLUG AND PLAY CABLE & POWER SUPPLY

ICR Flex 8 Pack

- 1 X 8 CHANNEL EMBEDDED DVR WITH 160gig HD (Upgradeable to 4 TB) + BUILT-IN SONY CD BURNER
- 8 X INDOOR/OUTDOOR WEATHERPROOF CAMERAS
- 8 X 100 FT PLUG AND PLAY CABLE & POWER SUPPLY

ICR Flex 16 Pack

- 1 X 16 CHANNEL EMBEDDED DVR WITH 250gig HD (Upgradeable to 4 TB) + BUILT-IN SONY CD BURNER
- 16 X INDOOR/OUTDOOR WEATHERPROOF CAMERAS
- 16 X 100 FT PLUG AND PLAY CABLE & POWER SUPPLY

SPECIFICATIONS:

4/8/16 Ch Embedded DVR

- M-PEG 4/H.264 Compression
- 4/8/16 Ch Embedded DVR
- Embedded High Speed Micro Processor
- Audio/Video Synchronized Recording
- USB Mouse Interface

Indoor/Outdoor Long Range IR ICR150 Bullet Camera

- 1/3" Sony Sensor (480 Lines)
- IP55 Weatherproof Standard
- Built-in Microphone
- Infrared Night Vision (View images in zero light up to 50 feet.)

Indoor/Outdoor ICR200 (ICRVMD) Vandal Proof Dome Camera ICR 420

- 1/3" Sony Sensor (480 Lines)
- IP55 Weatherproof Standard
- Infrared Night Vision (View images in zero light up to 50 feet.)
- Tri Access Ball Mount
- 1/3" Sony Sensor (420 Lines)
- Varifocal 3.5mm-8mm Auto-Iris Lens
- Indoor Mount
- 12 Volt



YOU CAN CHOOSE ANY COMBINATION OF THE ICR 150 AND ICR 200 CAMERAS

*Monitor not included in package

4, 8, 16 Ch PRO DVR PACKAGE

Choose between 4, 8 or 16 Channel Packages:

ICR 4 Pro Pack

- 1 X 4 CHANNEL EMBEDDED DVR WITH 80gig HD (Upgradeable to 4 TB)
- 4 X HIGH RESOLUTION VARIFOCAL CAMERAS
- 4 CH UL LISTED POWER DISTRIBUTION BOX

ICR 8 Pro Pack

- 1 X 8 CHANNEL EMBEDDED DVR WITH 160gig HD (Upgradeable to 4 TB)
- 8 X HIGH RESOLUTION VARIFOCAL CAMERAS
- 8 CH UL LISTED POWER DISTRIBUTION BOX

ICR 16 Pro Pack

- 1 X 16 CHANNEL EMBEDDED DVR WITH 250gig HD (Upgradeable to 4 TB)
- 16 X HIGH RESOLUTION VARIFOCAL CAMERAS
- 16 CH UL LISTED POWER DISTRIBUTION BOX

SPECIFICATIONS:

4/8/16 Ch Embedded DVR

- H.264 Compression
- Full D1 (704 x 480)
- Enterprise Software Included
- 4/8/16 Ch Embedded DVR
- Embedded High Speed Micro Processor
- Audio/Video Synchronized Recording

ICR 540 VD

- 540 TV Lines
- Day/Night Feature
- Digital Noise Reduction**
- Varifocal 3.8 - 9.5mm
- Super Low Lux in Color
- Conduit Pipe In
- Vandal proof rugged casing

ICR 540 IN

- 540 TV Lines
- Day/Night Feature
- Digital Noise Reduction**
- Super Low Lux in Color
- Wall or Ceiling mount
- Vari focal lens 3.8 - 9.5mm

ICR 540 CCD

- 540 TV Lines
- Day/Night Feature
- Digital Noise Reduction**
- Super Low Lux in Color
- Dual Voltage 12VDC/24VAC
- 2.8-12mm Auto Iris lens

** Increases HD storage up to 75%

YOU CAN CHOOSE ANY COMBINATION OF THE FOLLOWING CAMERAS: ICR 540VD, 540IN AND 540CCD WITH AUTO IRIS LENS

*Monitor not included in package



21" High Resolution Color Monitor

Features:

- 21 Inch high resolution CCTV color monitor
- Voltage input (100-240VAC), NTSC/PAL
- 500 TV Lines
- Video Audio in/out
- Built-in speaker
- BNC in/out
- Digital comb filter



ICR 21 C

Specifications:

CRT	21 Inches pure flat CRT
Video input/output	BNC Interface input/output
Audio input/output	RCA Interface input/output
Panel Control	Menu (Brightness, Tint, Contrast, Color) Volume, Power
Power Source	Ranged from 100~230V AC
Power consumption	Max: 75W
Dimension	492mmx445mmx480mm (WxHxD) (19.4 x 17.5 x 18.9 inch)
Weight(N.W.)	26 Kilograms (58lb)
Resolution Maximum:	NTSC 500 lines; PAL 600 lines
Horizontal Stabilization:	15.625KHz +/-500Hz
Vertical Stabilization:	50Hz/60Hz +/-3Hz
Audio Frequency:	Max: 3W
Operating Temperature:	0 ~ 50 C (32 ~ 122 F)
Operating Humidity:	10~ 90%

14" Color Monitor

Features:

- 14 Inch high resolution CCTV color monitor
- Voltage input (100-240VAC), NTSC/PAL
- 420 TV Lines
- Video Audio in/out
- Built-in speaker
- BNC in/out
- Digital Comb Filter



ICR 14 C

Specifications:

Video	NTSC/PAL
Resolution:	420 TV Line at Center
Video :	1 BNC Input; 2 BNC Outputs
Push Button :	POWER
TACT SW:	MENU, UP, DOWN, RIGHT, LEFT
Audio IN:	1 RCA/BNC
Audio OUT:	1 RCA /BNC
Power Source:	AC 100 ~ 240V, 50/60HZ
Power Consumption:	55W
Operating Temperature:	0°C ~ 40°C (32°F ~ 104°F)
Operating Humidity:	35% ~ 80% RH (non-condensing)
Net Weight:	About 14Kg (30.8 lbs)
Dimension (inch):	13.78 (W) x 13.07 (H) x 14.57 (D)
Enclosure:	Metal
Stuffing Quantity:	320 sets (20ft), 640 sets (40ft)
Approval:	FCC Class B, cUL, CE Class B

19" Flatscreen Color Monitor



Features:

- 19 inch high resolution LCD
- Display Area: 19"
- Contrast Ratio: 700:1
- Pixel Pitch: 0.294mm x 0.294mm
- Resolution: 1280 x 1024
- Input Video Signal: NTSC

ICR 19 FLAT

Specifications:

Viewable size	410.4 x 256.5 mm
Pixel pitch	0.285 mm
Resolution	(max.) 1440 x 900
Brightness	300 (cd/m ²)
Contrast ratio	500:1
Display colors	16.2 million
Viewing angle horizontal / vertical	150° / 130°
Horizontal frequency	30 ~ 80 KHz
Vertical frequency	50 ~ 75 Hz
Video bandwidth	135 MHz
Response time	8 ms
User controls	OSD Automatic picture adjustment
Case color	Black (front), black (rear)
Tilt back and forth	20°/5°
Power supply	Internal
Input voltage	AC 90 ~ 240 V, 50 ~ 60 Hz

ICR-TFT3.5



Specifications:

Video & Audio input	
Resolution	480 x 234 (dot)
Coaxial cable quality test:	open, short, excellent, good, poor mode detected
Built-in 0.5W Speaker	
Auto Power saving design	
Low battery warning	
Prevent incautious on/off operation design	
Full packing complete	
2200mA Li battery included	
250mA consumption	
DC12V output for camera	

Connectors

ICR- Mount 1-2-3



ICR 3
Mounting Bracket 5KG
Plastic - Large



ICR 4
Heavy-Duty Dual Option Camera
Mount (drop ceiling) 9" high

ICR -SC1

Mini Economical Pan and Tilt Controller for
CD Pan/Tilt/Zoom Camera

Features

- Compact Design, Attractive Appearance
- Control Pan/Tilt, Focus, Zoom, Iris.
- 1200m Maximum Range
- Controls up to 32 PTZ Dome Cameras.



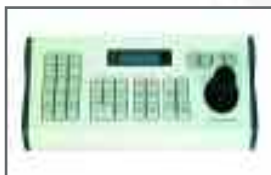
ID:	From 0 to 99
Input Power:	DC 12V
Power Consumption:	5W
Operation Temperature:	0°C~40°C (32~104°F)

ICR -SC2

3D Keyboard
Control

Features:

- PTZ/DVR Control
- Up to 255 DVR Control by network (optional)Preset position control
- Keyboard button- pan/tilt control
- Menu driven user configuration, password
- Select to 255 cameras from one keyboard
- Multi-Protocol Built in
- RS-485/232 Communication
- Joystick for fixed-speed and variable speed control of pan/tilt units



BNC - RCA Adapter BNC Male to RCA Female	BNCRCA-1 BNC Female to RCA Male	BNC TWIST BNC Male to Twist On
F-TWIST F Connector Male to Twist On	F-BNC F Jack to BNC Plug Connector	RCA-FF RCA Female to RCA Female Connector
BNC - RCA - MM BNC Male to RCA Male Connector	RCA-M RCA Male to RCA Male Connector	BNCBNC3 BNC Male to T Adapter BNC Female
BNCBNC Dual Female BNC Splice Female/Female	BNC - CRIMP 3 pc. BNC Male Crimp Type Connector	BNC - CRIMP 2 BNC connector 2 Piece CRIMP
DCDC - MM DC Male to DC Male Connector	RCA - RCA - 90 RCA Male to RCA Female 90 degree connector	F-RCA F Plug to RCA Jack
Video Balun	Power Splitter	Rows of Siemense Cable Available in 500 + 1000ft Rolls

Power Distribution Boxes

ICR 4 Power 4 Ch Power Distribution Box	ICR 8 Power 8 Ch Power Distribution Box	ICR 16 Power 16 Ch Power Distribution Box

Lenses



L3.58MM - Varifocal Lens 3.5mm to 8mm w/ Manual Iris 1/3" F1.4 (L3.5-8mm)					
f.Length	Aperture	Horizontal	Mount	Specification	
3.5 - 8.0 mm	F1.4	76 - 34	CS	Manual Iris	



L6-15MM - Varifocal Lens 6mm to 15mm w/ Manual Iris 1/3" F1.2 (L6-15mm)					
f.Length	Aperture	Horizontal	Mount	Specification	
6.0mm - 15.0mm	F1.4	44 - 19	CS	Manual Iris	



L6-36M - Varifocal Lens 6mm to 36 mm w/ Manual Iris 1/3" F1.2					
f.Length	Aperture	Horizontal	Mount	Specification	
6.0 - 36.0mm	F1.4	44 - 9	CS	Manual Iris	



Auto Iris Lens 2.8-12mm F1.4 DC					
f.Length	Aperture	Horizontal	Mount	Specification	
2.8 - 12mm	F1.4		CS	Auto Iris	



Varifocal Auto Iris 3.3-8mm 1/3" CS F:1.4 DC					
f.Length	Aperture	Horizontal	Mount	Specification	
3.3 - 8mm	F1.4		CS	Auto Iris	



Varifocal Auto Iris 6-60mm 1/3" CS F:1.4 DC					
f.Length	Aperture	Horizontal	Mount	Specification	
6 - 60mm	F1.4		CS	Auto Iris	



Varifocal Auto Iris 5-100mm 1/3" CS F:1.4 DC					
f.Length	Aperture	Horizontal	Mount	Specification	
5 - 100mm	F1.4		CS	Auto Iris	



LZ0610MV - Motorized ZOOM LENS 6-60mm (L6-60mm)					
Mount Type			CS		
Focal Length		6-60mm			
Aperture Ranger		1.8-360			
Angle of View (Horizontal x Vertical)	1/3"	Wide	43.4x32.7 Degree		
		Tele	4.5x3.7 Degree		
	1/4"	Wide	32.6x24.5 Degree		
		Tele	3.4x2.6 Degree		
Focusing Range			1.2m-∞		
Operation	Focus		Motorized		
	Zoom		Motorized		
	Iris		Auto Iris/DC Drive		



Board Lenses	
Available in 6mm, 8mm, 12mm, 16mm & 25mm	

ICR Dealer Program

The IC Realtime Authorized Dealer program enables Security professionals to tap directly into IC Realtime's extensive marketing resources and efforts. If a Dealer/Distributor meets the requirements of the Authorized Dealer program, they are entitled to leads in their marketing area that have been generated by IC Realtime marketing efforts. They can also utilize all of the tools created by ICR such as the most unique Leasing Program available.

Best Value Products

IC Realtime manufactures high quality professional-grade security products. Our products not only have the most comprehensive features and are built with cutting edge technologies, but also offer industry's best price-to-value ratio to the end customers. We work hard to keep all our products in stock for next-day delivery.

Leasing Program (Commercial and Residential)

IC Realtime has created a leasing program like no other in the industry. We give you the Dealer the ability to provide a leasing solution not only to the business owner but the home owner as well. We also offer you a much wider credit acceptance for your customers. We assist you with every step of the process as well as the documentation. You will have your equipment pre funded to you and your profits wired directly into your account. Call your sales representative right away to sign up to become an Authorized ICR Dealer.

Customer Leads

IC Realtime uses a variety of strategies to obtain quality leads from advertising to trade shows to promotions. Dealers will receive the lead contact information shortly after the information has been requested from IC Realtime. We help you grow your business.

Individual Attention

Each dealer will be assigned a professional well trained sales representative. Our sales associates are not only very familiar with the equipment that we sell but the equipment of the industry as well. All of our sales representatives are well versed on the technology of the industry there for providing you with the edge that you will need when putting together bids against a competitors product. We will assist you with every step of the process from putting together a proposal to choosing the proper gear for that particular installation all the way to preparing the leasing paper work.

Complete Package Systems

We have created complete Turnkey Package Systems for your ordering convenience. These systems contain everything that you will need in order to complete the installation. We have created two different package levels, Flex and Pro. The Flex and Pro packs are offered in 4, 8 and 16 Channel models. The Flex systems are perfect for the small to mid size projects where as the Pro systems are ready for even the most demanding installations.

This allows you to put together an advertising campaign that is easily absorbed by your sales team. This also allows you sales reps to sell the equipment with ease and confidence. We know how difficult it is to train a sales team and that is the reason we created our package systems.

Advertising Assistance

IC Realtime has also created a unique way of assisting you with your advertising needs. When you become an Authorized IC Realtime Dealer you will be entitled to use our extensive advertising experience. We will help you put together your campaign using our package systems. You provide us with your Logo, contact information and price that you wish to sell for and we prepare it for you. We will provide you with a print-ready file that is of the highest quality.

IC REALTIME
Your Security is Our Business

Your Security is Our Business



Contact

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