

CR4 Series

IP Video Management Platform

2nd Generation



IONODES

 **CIRRUS**

CIRRUS CR4 Series

Performance meets simplicity.



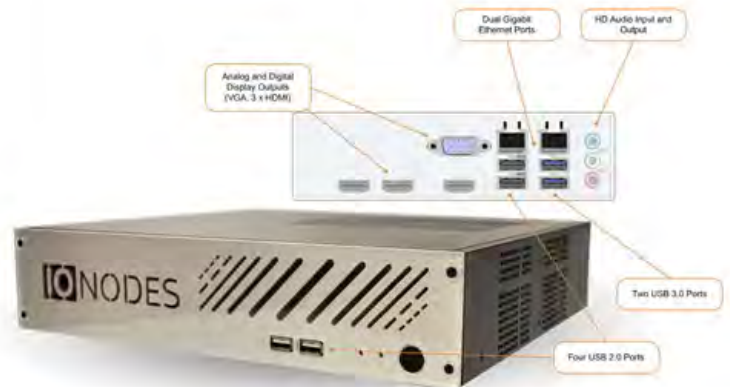
Now you can decide.

The CIRRUS CR4 Series compact IP video management platforms were designed to let you easily deploy state of the art IP video management solutions for sites of virtually any size. Opening our platform to all major software vendors in the security space means you are not locked into a single solution.

- ❖ Hosted Video Management System (VMS)
- ❖ Hosted Alarm Management System (AMS)
- ❖ Hosted Security Management System (SMS)
- ❖ Growing list of software partners

Get compact without sacrificing performance.

Powered by the latest in INTEL® Mobile processor technology, the CR4 Series IP recording appliances have the horsepower needed to manage local video recording of up to 64 HD IP cameras. Up to 8GB of high performance DDR3 memory as well as integrated INTEL HD Graphics Engine means the platform can also run local client applications and decode and display up to 32 HD resolution H.264 streams locally.



Gigabytes to Terabytes – we can store it.

With a multitude of storage options, CR4 Series IP recording appliances can reach long retention times for all of your valuable audio and video. We make it possible with built-in support for a 2.5in and 3.5in SATA drive (up to 4TB), direct-connect to up to two external drives (USB 3.0), and dedicated GbE port for network attached storage (iSCSI, NAS, etc).

Video Surveillance Hard Drives

- 1TB, 2TB, 3TB & 4TB
- MTBF of >1M hours; AFR of <1%
- Reduced power consumption
- Whisper quiet
- Lower temperature
- 24x7 reliability for video recording

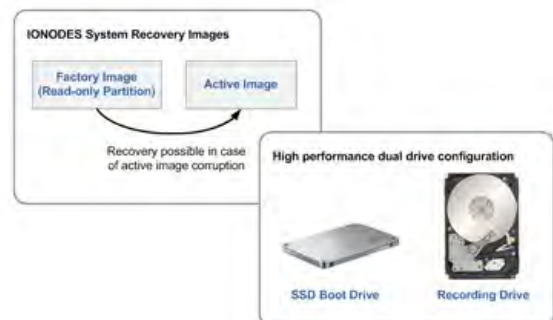


Built tough, built to last.

High performance solid state boot drive, internal realtime hardware and software watchdogs and fully recoverable operating system image extends the reliability of your critical installations. The CIRRUS line of IP recording appliances also uses video surveillance hard drives to ensure optimal performance and high reliability for your video recording.

Unpack, Power-up, Record.

The CIRRUS CR4 Series IP recording appliances come pre-imaged with the Windows Embedded Standard 7 operating system as well as a pre-installed software environment including the VMS solution, IONODES web management interface and everything you need to start operating your system right away. You simply need to power up the device, run the Quick Setup Wizard, add your IP cameras / encoders and the system handles the rest.



CR4 Series Options & Accessories

Customize your solution.



Pre-Loaded Software Options

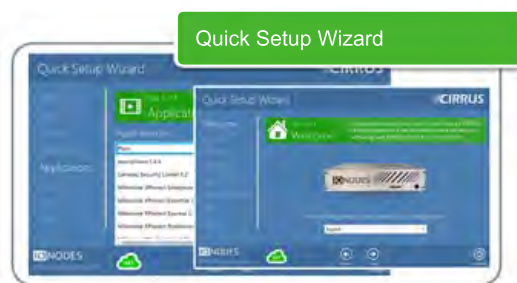
All CIRRUS CR4 Series IP recording appliances are delivered with our unique **Quick Setup Wizard**, pre-loaded and ready to go. The Quick Setup Wizard allows you to select, at first boot, which VMS software solution to deploy on your CIRRUS appliance. We have tested and offer most major VMS solutions to ensure the reliability and performance you expect from a dedicated video management platform.

- ❖ Genetec
- ❖ Milestone Systems
- ❖ Exacq Technologies
- ❖ and more...

IONODES can also provide your appliance with a plain Windows Embedded Standard 7 image, allowing you to fully control the software environment.

Options & Accessories

- ❖ CR4 Series Rackmount Kit
 - o Designed for standard 19 inch racks
 - o Allows the appliance to be mounted into a 2U space
 - o Simple installation using four (4) provided screws
- ❖ Additional Power Supply
 - o 12 VDC @ 84W Power Supply - North American Plug
 - o 12 VDC @ 84W Power Supply - EU & UK Plugs
 - o 12 VDC @ 110W Power Supply - North American Plug
 - o 12 VDC @ 110W Power Supply - EU & UK Plugs
- ❖ Wireless Options (802.11, WIFI)
- ❖ HDMI to DVI cable
- ❖ Various external storage options (USB 3.0, iSCSI, etc.)
 - o Contact us for more details on available external storage devices
- ❖ Various network equipment
 - o PoE and non-PoE switches designed for video networks
 - o Ruggedized models for harsh environments
 - o Network extenders over COAX cabling



Quick Setup Wizard



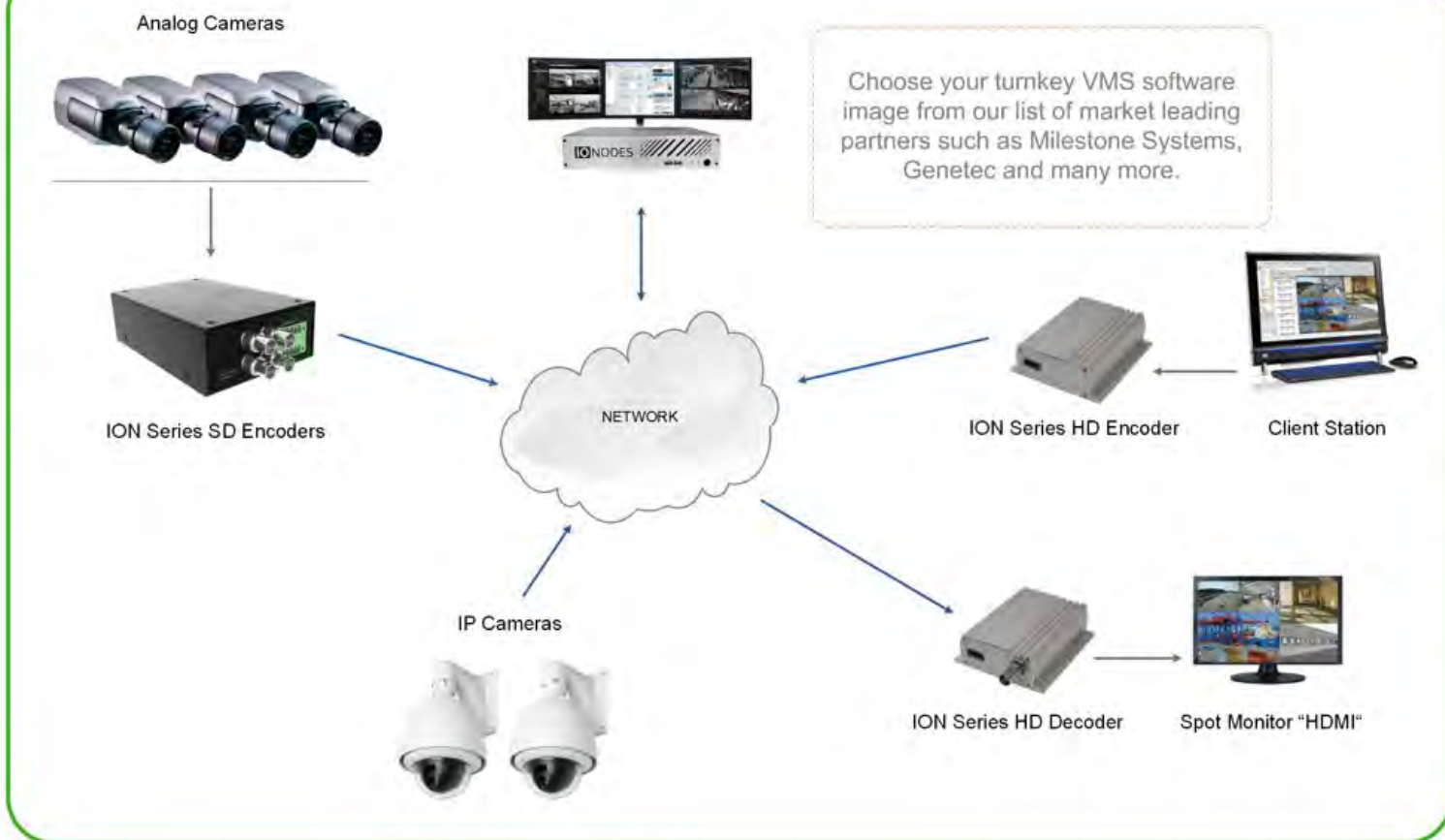
2U 19" Rackmount Kit



iSCSI External Storage



What CIRRUS can do for your deployments



CIRRUS CR4 Series General Specifications

Standard / Integrated Interfaces

| | |
|-----------------|--|
| Network | 2 x 10/100/1000 Base-T Ethernet port(s) |
| USB | 4 x USB 2.0 (Mouse, Keyboard, Expansion) 2 x USB 3.0 (External Storage) |
| Display Outputs | VGA, 3 x HDMI (Triple Display Capable) |
| Serial Port | Via USB to RS-232 (optional) |
| Audio | 6-Channel Audio |

System

| | |
|------------------|--|
| Operating System | Windows Embedded Standard 7 |
| CPU / Memory | Intel® Core™ i3 and i7 Processor Models Up to 8GB DDR3 memory |
| HW Watchdog | Auto-boot, OS supervision, temperature monitoring, VMS software monitoring |

Storage

| | |
|----------|--|
| Internal | Internal SATA HDD (3.5 in) 1TB, 2TB, 3TB & 4TB Models <i>All models come with dedicated SSD Boot Drive</i> |
|----------|--|

Protocols

| | |
|------------|--|
| Networking | IPv4/v6, UDP, TCP, IGMP, ARP, DHCP, DNS, HTTP, HTTPS, BONJOUR, NTP |
| Security | Basic / Digest Authentication SSL |

Software

| | |
|---------------------|--|
| Auto-Discovery | Via Bonjour protocol & IONODES IonConfigTool |
| Web Interface | Web GUI for remote configuration / maintenance |
| Pre-Loaded Software | Contact us for list of supported software |

Mechanical / Environmental

| | | |
|-----------------------|---------------------------------------|-------------------------|
| Dimensions | (w x h x d) | 11.8in x 2.6in x 10.7in |
| Enclosure | Steel / Black | |
| Input Voltage | 12 VDC Input @ 84W or 110W (included) | |
| Operating Temperature | 0C to 60C | |
| Approvals | FCC, CE | |
| Warranty | 2 Years | |