

Discovery 2415 Series with up to 24 video ports
Discovery 2415
Specifications

Physical	To assure high maintainability, the Discovery 2415 offers front access to all interfaces (hard disks, power supply, video ports and interface modules)
Dimensions	482,8 (W) x 177 (H) x 410 (D) mm (4U-19") Weight: 18kg (w/o HDD), 22kg (with 8HDDs)
Power supply	600W ATX 1U power supply module (100/250V-50/60Hz)
Power consumption	350W (full load at 25°C)
Cooling device	3 fans providing forced cooling air in the system from back to front; Fan cooled CPU
Temperature	Operating: 0°C to 40°C, max. 90% RH Storage: -20°C to 70°C
Conformity	FCC Class B (Declaration of Conformity), European Community CE (Declaration of Conformity); EN55022 Class B, EN55024, EN60950, CFR47, Part 15, UL 60950-1 (IEC 60950-1)
Interface modules	The Discovery 2415 Series offer 4 slots for interface modules which can be combined in any manner. A Serial-I/O module is included per default.
Serial module	2 serial ports (2x RS485/RS422)
I/O module	8 alarm input x 4 relay output
Audio module	2 input mono and 1 output mono
Serial-I/O module	1 serial (RS485/RS422), 4 alarm input x 2 output
System	Industrial PICMG 1.3 architecture
	6 slots for PCI-4 AP Video Codec Boards
	1 PCI-Express slot for RAID5 controller board or DAS support
Networking	Embedded dual Ethernet 10/100/1000 gigabit ethernet LANs
	IP multicast, unicast and multi-unicast support
	Ethernet/IP CoS support (802.1p/Q)
System monitoring	Remote alarm notification through SNMP/ HTTP, e-mail or pager
	Alarm module: audible and visual notification for system status
	Embedded monitoring: fan speed, temperature, watchdog timer, voltage
	Running on the VisioWave Video Operating System (VOS).
	Requires VOS 4.1.1 software release or higher
Video Codec Board PCI-4 AP	Encoding only: H.264-SVC
	Low bandwidth and low latency
	PAL (720x576 @ 25 FPS); NTSC (720x486 @ 30 FPS)
	4 BNC composite video @75 Ohm

Ordering Information

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- H.264-SVC (Scalable Video Coding) includes**
 - True multi-streaming
 - Latest, most advanced compression standard
 - More capabilities than typical H.264 implementations via image/frame rate scalability
 - Reduced bandwidth (15-30%) and better image quality compared to MPEG4-ASP
 - Same quality from PTZ as from stationary cameras
- A scalable network surveillance solution**
 - 8-24 independent configurable analog video ports
 - Simultaneous GE video content analysis on all ports
 - In addition, up to 24 IP camera inputs (via network)
 - All ports simultaneously support 25/30 FPS (D1)
- High-end storage possibilities**
 - Internal RAID5: 8 hot-swappable, via front accessible 1TB drives (6.3TB usable video storage)
 - Support for external DAS (direct attached storage) via SAS arrays for extended duration storage needs*
- Simple to configure and install**
 - Remote system-wide configuration with easy-to-use software
 - Front panel access to all ports and interfaces
 - 4U-19" rack mountable and only 410mm deep
- Leverage the power of the VisioWave VOS**
 - Common Video Operating System (VOS) allows all VisioWave devices to work together
 - Distributed intelligence for more flexibility
 - Supports live, playback and recording streams
 - Supports video protection, video redirection (device to device) and authentication

* DAS options via SAS available in December 2008

