



RAID Storage System

The American Dynamics RAID Storage System is a highly reliable storage device that offers high-density, high-performance storage expansion for Intellex Ultra digital video management systems. This low cost-per-terabyte storage solution features high drive density in a rack-mountable 2U form factor complete with twelve (12) hot-swappable drive bays. Powerful Direct Attached Storage (DAS) and network configurations provide scalable, high-availability video storage.



Extended Storage Module

Retain more video over longer periods of time with an Extended Storage Module (ESM). Ideal for Intellex DVMS and LT systems¹, each ESM seamlessly expands your database capacity by an additional 640 GB or 1000 GB. You can triple the capacity by cascading up to three ESM units per Intellex DVMS or LT. Both ESM640 and ESM1000 are compatible with desktop and rack mount installations.

Rack Mount Kits

Turn your standard desktop Intellex DVMS or LT into a rack-mountable unit with our steel-constructed front rack mount kit. Our Intellex BNC rack mount extension kit provides an



additional option, enabling you to install the BNC video and alarm board on the back of the rack and connect it to Intellex using flexible extension ribbon cables.

External Speakers

Hear as well as see what's happening when you connect these speakers to your Intellex Ultra, Intellex IP, Intellex DVMS or Intellex LT system².

Intellex® Accessories

Everything you need to complete your digital video surveillance system.

- RAID Storage System
- Extended Storage Module
- Rack Mount Kits
- External Speakers
- USB to RS-232 Adapters
- External DAT Drive
- USB Control Module
- Video BNC Looping Kit
- 400 and 500 GB Disk Upgrade for Intellex® Ultra

External DAT Drive

Safeguard your previously recorded video by archiving DDS-4 tapes on your system with this external DAT drive.

USB to RS-232 Adapters

Capture more data or expand the control of your digital video management system. Our USB to RS-232 adapters provide the interface you need to record text from cash registers, ATMs and other devices as well as integrate Intellex with the complete line of American Dynamics MegaPower® matrix switcher controller systems. The adapters are available in models with eight RS-232 ports to match your data collection requirements.



USB Control Module

Get the tools to control, program, monitor and upgrade your American Dynamics SpeedDome® programmable dome cameras. Our USB Control Module lets you operate SpeedDome Ultra, Optima and Optima LT from Intellex, Network Client or a PC using all the features of a Touch Tracker® including DirectSet™. You can update firmware via SensorNet as well as program and ping-test your SpeedDomes without physically accessing them. Utilities and associated files are posted at www.americandynamics.net.

Video BNC Looping Kit for Intellex Ultra

Add a matrix switcher or other video accessory without a distribution amplifier with this looping kit for Intellex Ultra.

Intellex Ultra 400 and 500 GB Disk Upgrade

Expand the storage of your Intellex Ultra without opening the chassis by sliding in a 400 or 500 GB disk drive.



(1) The Extended Storage Modules are not compatible with Intellex Ultra or Intellex IP.
(2) Audio is enabled only on Premier Editions of Intellex DVMS and Intellex LT.

RAID Storage System

Model Numbers

ADRSS048TB	RAID Storage System, iSCSI, 4.8 TB
ADRSS030TB	RAID Storage System, iSCSI, 3.0 TB
ADRSS048TBH	RAID Storage System, iSCSI, 4.8 TB, Hot Spare
ADRSS030TBH	RAID Storage System, iSCSI, 3.0 TB, Hot Spare
ADHDRSS400	RSS, KIT, HDD & TRAY, 400 GB, 16 MB CACHE
ADHDRSS250	RSS, KIT, HDD & TRAY, 250 GB, 16 MB CACHE

Minimum Requirements

Hardware	Intellex Ultra
Software	Intellex v4.0 Service Pack 1 (v4.03) or higher with the RAID Storage System Compatibility Update installed

Controls and Displays

Power:	Green LED when unit is powered on
LAN1:	Orange LED for activity on the Data1 LAN
LAN2:	Orange LED for activity on the Management LAN
Audible alarm signals compromised hard drive performance	

Connectors

Input/Output	1 VGA Port/2 Gigabit Ethernet RJ-45 Ports
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Electrical

Input Current	8.0/5.0 A for 115/230 VAC
Power Consumption	Less than 175 watts

Mechanical

Dimensions (H x W x D)	88.9 x 482.6 x 520.7 mm (3.5 x 19.0 x 20.5 in)
Unit/Shipping Weight	23.1 kg (51 lbs)/31.75 kg (70 lbs)

Environmental

Operating Temperature	0 to 35°C (32 to 95°F)
Storage Temperature	-40 to 70°C (-40 to 158°F)
Relative Humidity	Operating 10% to 85%/Non Operating 0% to 95%
Regulatory	UL, CE, FCC (Class A) TUV and C-Tick, RoHS, WEEE

Extended Storage Module

Model Numbers

ESM640	Extended storage module, 640 GB, rack mountable
ESM1000	Extended storage module, 1000 GB, rack mountable

Minimum Requirements

Hardware	Intellex v2.0 or higher, 512 MB RAM (Not compatible with Intellex Ultra)
Software	Intellex v2.2 or higher for ESM640 (v2.6 or v3.1 or higher preferred); v2.6 or v3.1 or higher for ESM1000

Controls and Displays

Indicators	Power - Green; Drive Activity - Orange
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Connectors

Input/Output	IEEE 1394 (Firewire) compatible
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Electrical

Input Power	95 to 264 VAC 50/60 Hz
Power Consumption	Less than 75 watts

Mechanical

Dimensions (H x W x D)	43 x 429 x 406 mm (1.75 x 17.0 x 16.0 in)
Unit/Shipping Weight	7.7 kg (17.0 lbs)/8.2 kg (18.0 lbs)

Environmental

Operating Temperature	0 to 35°C (32 to 104°F)
Storage Temperature	-18 to 71°C (0 to 160°F)
Relative Humidity	5 to 95%

Regulatory

Emissions	FCC 15b, Class A; EN55022 (1995), Class A EN61000-3-2 (1995); EN61000-3-3 (1995)
Immunity	EN50130-4 (1996)
Safety	EN60960 Amendments 1, 2 and 3 UL1950, CUL1950, Third Edition

External Speakers

Model Number

RDVSPK01	Intellex speakers, pair, external
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Minimum Requirements

Hardware	Intellex v2.1 or higher
Software	Intellex v2.4 or higher

Electrical

Input Power	9 VDC (120 VAC adapter included)
Output Power	4 watt output (2 watts per channel)
Frequency Response	30 to 20,000 Hz

Mechanical

Dimensions (H x W x D)	89 x 210 x 115 mm (3.5 x 8.25 x 4.5 in)
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Product offerings and specifications are subject to change without notice. Actual products may vary from photos. Not all products include all features. Availability varies by region; contact your sales representative. certain product names mentioned herein may be trade names and/or registered trademarks of other companies.

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Rack Mount Kits

Model Numbers

DVRM-01	Intellex rack mount kit for Intellex v2.0 or higher with desktop chassis; 16-channel DVMS or LT platforms only
UHRM09	Intellex BNC rack mount extension kit for 16-channel Intellex v2.0 or higher; DVMS or LT desktop platforms only

USB to RS-232 Adapters

Model Numbers

RDVUSB23201	Intellex USB to RS-232 adapter; incl. cable
RDVEXP01	Intellex USB to 4X RS-232 adapter; incl. cable
RDVEXP02	Intellex USB to 8X RS-232 adapter; incl. cable

Minimum Requirements

Hardware	Intellex v2.1 or higher
Software	Intellex v2.4 or higher, RDVUSB23201 and RDVEXP01 Intellex v3.1 or higher, RDEXP02

Mechanical

Dimensions (H x W x D)	88.90 x 20.32 x 44.45 mm (3.5 x .80 x 1.75 in), RDVUSB23201 44.45 x 182.88 x 110.49 mm (1.75 x 7.20 x 4.35 in), RDVEXP01 and RDVEXP02
Unit Weight	0.73 kg (1.6 lbs), RDVUSB23201 0.45 kg (1.0 lb), RDVEXP01 and RDVEXP02
USB Cable	1.83 m (6 ft.), RDVUSB23201 1.0 m (3.28 ft), RDVEXP01 and RDVEXP02

Environmental

Operating Temperature	5 to 35°C (41 to 95°F), RDVUSB23201 0 to 55°C (32 to 131°F), RDVEXP01 and RDVEXP02
Relative Humidity	0 to 95%, RDVEXP01 and RDVEXP02

Regulatory

Safety	FCC, CE, UL
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External DAT Drive

Model Number

RDVDATE01	Intellex DAT, external tape drive, 20 GB, DDS-4; includes (one of each): Veritas backup data cartridge, cleaning cartridge and SCSI adapter card
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Minimum Requirements

Hardware	16-channel Intellex DVMS, IP or Ultra; 4- or 8-channel units may require removing Firewire or 56K modem to make PCI slot available
Software	Intellex v2.4 or higher

Performance

Sustained Data Transfer Rate	4.8 MB/sec @ 2:1 compression
Avg. Seek/Access Time	55 sec
Buffer Size	8 MB

Mechanical

Dimensions (H x W x D)	66.04 x 198.12 x 256.54 mm (2.6 x 7.8 x 10.1 in)
Shipping Weight	3.92 kg (8.65 lbs)

Environmental

Operating Temperature	10 to 35°C (50 to 95°F)
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USB Control Module

Model Number

ADACSNET	USB Control Module Includes one install kit and one USB cable
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Mechanical

Dimensions (H x W x D)	25.40 x 70.64 x 102.36 mm (1.0 x 2.781 x 4.03 in)
Shipping Weight	0.5 kg (1.1 lbs)

Environmental

Operating Temperature	10 to 50°C (14 to 122°F)
Relative Humidity	0 to 95%

Intellex Ultra Accessories

Model Number

ADACHULP	Intellex Ultra, looping panel; includes a BNC looping board, ribbon cable, right angle audio adapters and mounting hardware
ADACHDDC400	Intellex Ultra 400 GB hard disk with drive caddy
ADACHDDC500	Intellex Ultra 500 GB hard disk with drive caddy



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