ATA-10/16DRXE-80 Digital Video Multiplexer/Recorder

ARITECH

- Sophisticated multiplexer complete with integral digital hard disk recorder
- Simple operator controls and easy-to-use menus
- Review, retrieve and store images via a computer network (Ethernet)
- Video motion detection and activity detection
- Comprehensive alarm handling including pre and post alarm recording
- Advanced macro programming complete with scheduler
- Optional remote keyboard (ATA-KB3/J) for control of Aritech CyberDomes
- Connect up to 31 ATA-10DRX units via RS 485 connection
- Duplex operation with dual monitor output and multiscreen displays

The Aritech Digital Video Multiplexer and Recorder combines all the features of an advanced Multiplexer, together with the benefits of an internal Digital Hard Disk Recorder. The ATA-10/16DRXE-80 provides exceptional high quality digital recordings, in a simple to use and economical package.

→ Digital Recording

The ATA-10/16DRXE-80 has an internal IDE Hard Disk Drive, and replaces the need for a conventional analogue security Time Lapse VCR. Immediate access to recorded events using a simple on-screen search menu for alarm, time, date or camera is possible. There is no need for a host PC or complicated software. There are no new technologies to learn.

To assist the operator, conventional Time Lapse VCR controls are provided (Play, Pause, Rewind, Fast Forward, frame advance). .

→ Network Ready

The ATA-10/16DRXE-80 is also Ethernet / TCP/IP ready. Connect to a LAN or WAN network and review, retrieve and send images or clips via email, and save as bitmap images, that can be converted into common formats such as jpeg files.

Wave Reader viewer software is supplied on a CD, which enables access to recorded images stored on the integral Hard Disk, using the latest Wavelet digital compression techniques.

→ Multiplexer control

The ATA-10/16DRXE-80 accepts up to 10/16 colour or monochrome camera inputs. Two monitors can be used to view multi-screen in play and live, or full screen display.

Sophisticated alarm handling is achieved via 10/16 configurable alarm contacts. A fully programmable built-in Video Motion detection system can also be used to define alarm responses. Macro programming enables up to 10/16 predefined settings to be stored, and activated either manually, or via an integral scheduler.

When used with a remote keyboard ATA-KB3JX, the facility for Telemetry control is provided to control the complete range of Aritech CyberDomes.

Advanced features :

- Record event or various time lapse speeds from 3 up to 960 hour mode
- Selectable record image quality : high, medium and standard
- Archive images on DAT, AIT or recordable CDs
- Wavelet compression
- Secret watermark verifies that recorded images have not been altered
- Advanced search options by month, day, hour, minute, or by camera

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ATA-10/16DRXE-80

→ Technical data

Archive

DAT, AIT or CD-Writer	One 50-pin SCSI-2 port,
	DB 50-S-SCSI (reversed)

Network

	1 RJ 45 connection

Video

Display memory	2048 x 512 memory array,
	8 MB total display memory
Colours	YUV 4:2:2; 16.8 million colours
Grayscale	256 levels
Horizontal resolution	720 pixels
Vertical resolution	576 active lines PAL/CCIR

Alarm handling

Alarm inputs	10/16 programmable NO or NC in menus
Alarm outputs	2 form C relays, each NO and NC.
	Rated 0.5 A continuous, 1.0 A momentary
Alarm latching	3 settings: latched, transparent,
	timed-out. Programmable 1-100 seconds
Alarm recording	Automatic priority control, interleaved
	or exclusive, or non. Programmable.
Alarm displays	Automatic alarm multiscreens.
	Programmable.

Video motion and activity detection

Zones per camera	256, 16 x 16 grid
Sensitivity settings	10/16 levels
Gray levels per zone	256 levels

False alarm rejection

processing	3 levels
Size discrimination	256 levels
Recording priority	2x, 4x, interleaved or none
Status output	Link to relay

Recording

Hard drive	80 GBytes standard
Record speed	Selectable; event 3, 12, 24, 48, 72, 168
	or 960 hr (25 fps, 12 fps, 5 fps, 3 fps,
	2 fps, 1 fps, 0.125 fps)
Compression	Wavelet format, standard, medium
	and high resolution setting selectable
	per camera.

Miscellaneous

Input voltage	12 V dc, 90 V
	264 V ac/dc adapter included
Power	35 W nominal
Operating temperature	0 to + 40º C
Relative humidity	90% non-condensing
Dimensions	444 x 360 x 43 mm
Weight	4 kg

→ How to order

ATA-10DRXE-80	10 camera duplex, colour PAL/CCIR
ATA-16DRXE-80	16 camera duplex, colour PAL/CCIR
ATA-KB3X	Optional remote keyboard, includes motorized PTZ control capabilities
ATA-KB3JX	Same as ATA-KB3, but with proportional joystick control
ATA-RK2	Optional 1U rackmount kit
ATA-PB2	Optional probridge for PTZ applications (contact Aritech for available models)

<u>**Sales Offices**</u> :   Austria, Baltic States, Belgium, Czech Republic, Denmark, Eastern Europe, France, Germany, Greece, Hungary, Ireland, Italy,
Netherlands, Norway, Poland, Portugal, Slovak Republic, South Africa, Spain, Sweden, U.K.

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