

ATA-10/16 CDX 10/16 Camera Colour Duplex Video Multiplexer

- VEXT automatic VCR record speed synchronization
- Live in full screen, sequencing, PIP, quad, 7, 9 or 10 up display; (7, 9, 10, 13 or 16 on ATA-16 CDX)
- One-touch freeze
- 10/16 alarm inputs, 2 relay outputs
- Motorized PTZ control with ATA-KB3X/J
- Cascade up to 31 multiplexers via RS 485
- RS 232 and/or RS 485 remote control.
- Playback tapes made by other manufacturers multiplexers
- AutoInstall™ with AutoList™, camera detection, and gain control.



The ATA-10/16 CDX multiplexer is ideal for applications where high resolution multi-screen live and playback display are required and budget is a concern.

Live cameras can be viewed in any of several different multi-screen formats while full resolution pictures from all cameras are sent to a VCR.

VEXT automatically optimises multiplexer/VCR synchronization and prevents loss of critical pictures regardless of VCR record speed.

Easy to install and integrate, the intelligent ATA-10/16 CDX is set up through Quick-set on screen menus.

Tapes recorded using other manufacturers multiplexers can be played back, allowing retrofit without loss of investment or access to tape archives.

The ATA-10/16 CDX multiplexer provides excellent picture quality, automated use and is economical.

Other features :

- **Activity detection with active feedback set-up scope**
- **Playback in full screen, sequencing, quad, 9 or 10 up display (9, 10 or 16 on ATA-16 CDX)**
- **Covert camera removes selected camera(s) from display without altering recording**
- **Electronic PTZ**
- **Supports up to 31 keyboards via RS 485**
- **Set-up view screens show entire system set-up**
- **Camera histogram diagnoses correct camera set-up**
- **Two passwords for supervisor or standard user**
- **Time, date and titling display**
- **Battery back-up**

ATA-10/16 CDX

→ Technical data

Video	
Display memory	2048 x 2048 memory array, 64Mb total display memory
Colours	YUV 4:2:2, 16.8 million colours
Grey scale	256 levels
Horizontal resolution	720 pixels
Vertical resolution	576 active lines
Alarm handling	
Alarm inputs	10/16; NO or NC set-up 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)
Alarm recording	Automatic priority control, interleaved or exclusive, or none
Alarm displays	Automatic alarm multi-screens (programmable)
Activity detection	
Zones per camera	256, 16 x 16 grid
Sensitivity settings	10 levels, with active feedback set-up scope
Gray levels per zone	256 levels
Recording priority	2x, 4x, interleaved, or none
Status output	Link to relays
Remote control and programming	
RS 232	DB-9, female, 3-wire, N-8-1, baud rate selectable in menus. Allows remote programming of menus, upload of status data, remote control of front panel buttons.
RS 485	RJ-45, remote keyboard input, looping, up to 1 km without adapters. Time input/output system. Allows remote programming of menus, upload of status data, remote control of front panel buttons.

DB-25 Pinouts	
Pin #	Designation
1-10/16	Alarm inputs, NO or NC, programmable
11-16	Reserved on ATA-10CDX
17,21	Alarm out #1, NO or NC, isolated
18-20	Ground
22,25	Alarm out #2, NO or NC, isolated
23	Alarm ACK, input, NO
24	VCR camera switch input (VEXT)

DB-9 Pinouts	
Pin #	Designation
2	Tx
3	Rx
5	Ground

Miscellaneous	
Input voltage	12 V dc, 220 V ac/dc adapter included
Power	25w nominal
Operating temp.	0° to 40° C; 90% rel. humidity, non-condensing
Dimensions	444 x 360 x 43 mm
Weight	4 kg

→ How to order

ATA-10 CDX	10 camera colour duplex video multiplexer
ATA-16 CDX	16 camera colour duplex video multiplexer
ATA-KB3X	Optional remote keyboard, includes motorized PTZ and dome control capability
ATA-KB3/JX	Optional remote keyboard, includes variable speed PTZ and dome control capability, Joystick

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