



INDUSTRY STANDARD FOR DIGITAL VIDEO RECORDING AND VIDEO MANAGEMENT

16 Channel Models featuring 4 built-in hard drives providing up to 3 GB of continuous recording and hot-swappable RAID 1 fault-tolerance archiving

- ▶ 16 input models with camera loop-through
- ▶ BX2 models available with 1.2, 2, or 3 TB storage
- ▶ BX2 CA (Continuous Archive) models available with 600GB mirrored (1.2 TB total), 1 TB mirrored (2 TB total) or 1.5 TB mirrored (3 TB total) hot-swappable RAID 1 storage
- ▶ Built in DVD-R writer to export data
- ▶ Stackable via 485 bus daisy-chain up to 16 DVR units
- ▶ Supports IP Cameras
- ▶ Up to 4CIF recording resolution with authentication capability
- ▶ Plug and play using pre-configured recording and storage program
- ▶ Flexible control options include IR Remote, KBS3A Keyboard, or remote client
- ▶ NetVu Connected software allows the DVR to operate as a stand-alone unit or as part of a NetVu system
- ▶ MultiMode Recording: Dynamically switchable resolution, record rate and compression (MPEG-4 and JPEG) per camera
- ▶ TransCoding of video into different formats for efficient remote viewing
- ▶ Web browser capable for remote viewing
- ▶ Pan Tilt Zoom (PTZ) control using Coaxitron, and most popular protocols
- ▶ Advanced video motion detection and search options
- ▶ Continuous, scheduled, motion, and/or alarm-based recording for each video input
- ▶ Audio – 2 channel bidirectional, recording and network transmission capable
- ▶ Text support for point of sales data applications
- ▶ Building Management Controls and Access Control Integration – supported via PowerScript software
- ▶ Embedded operating system on non-volatile flash memory

FEATURES

SPECIFICATION

		BX2 Series	
	Operating System	Embedded	
	Dimensions	(h) 6.75" x (w) 17.3" x (d) 20.4" (170mm x 440mm x 517mm)	
	Operating Temperature range	41 F to 104 F (5 C to 40 C)	
	Operating Humidity Range	10% - 85% non-condensing	
Video	Weight	25.1 lbs (11.4kg) with built-in power supply	
	Video Inputs	16, looping, BNC	
	Operation	NTSC or PAL capable; simultaneous live, record, playback, remote and internet access	
	Maximum PPS, total (NTSC)	120PPS	
	Live Video Resolution (Main Monitor)	720 X 448	
	Recording	MPEG-4 and, or JPEG @ QCIF, CIF, 2CIF, and 4 CIF	
	MultiMode (Recording Algorithms)	Dynamically changes record rates, resolutions and compression setting for each camera	
	Trans-Coding	User selectable MPEG-4 and, or JPEG network transmission	
	Camera Installation	Plug and Play	
	Snapshot/Video Clip	Yes	
Audio	Video Outputs	Main and Spot	
	Audio Input/Output	2ch bi-directional; 2-way and network and local audio playback	
	Audio Connections	Line in: 47K, 1Vpk-pk, RCA; Line out: 1V pk-pk, RCA	
	Network Audio	Yes	
	Local Audio Playback	real time audio record and playback	
Storage	Internal Capacity	BX2 = 1.2 TB, 2 TB, 3 TB	BX2 CA = 600 GB mirrored (1.2 TB total), 1TB mirrored (2 TB total), 1.5 TB mirrored (3 TB total)
	Internal Storage Hot-Swapable	BX2 = No	BX2 CA = Yes (optional caddies with matched GB storage available)
	Built-in DVD	DVD-R / CD-R	
	External Storage	via SCSI	
Alarms	Export	DVD-R / CD-R	
	Alarms and Relays	21 normal open/closed tamper proof inputs; keyswitch alarm; 20 relay outputs; Option for expansion via 485 bus - up to 16 alarms via each C101 module	
	Alarm Relay Assignments	8 contacts assignable to each camera input; one or multiple cameras can trigger one or multiple cameras	
	Relay Output options	Activity, Alarm or Camera fail	
	Alarm Function Support	Alarm log, "smart search", event search, pre-event recording	
	Alarm Reporting	e-mail, alarm receiver/station	
	Display Alarm on Monitor	Local (main or spot) or Network (via NetVu Observer)	
Networking	Advanced Activity Detection	Yes	
	NIC Interface	10/100	
	DHCP Capability		
	File Export		
	Remote PTZ Control	Yes	
	Bandwidth Management		
	Remote Administration		
	Remote PC Client	NetVu Observer	
	Remote Web Browser Client	Viewing, Administration and Programming	
	Password Protected		
FTP Server Support	Yes		
Other Features	Built-in Firewall		
	POS/ATM Text support	Yes	
	PTZ Control	Dual Serial and Coax; multiple protocols	
	Software upgrade	CD and Internet	
	Keyboard	KBS3A (includes built-in PTZ joystick); up to 16 keyboards connectable via 486 bus; up to 16 DS2units controllable from one keyboard	
	Video Motion Detection	Programmable 16x4 grid, 5 levels sensitivity per camera; 16 trigger zones with individual sensitivity zones per camera	
	Building Controls, Access Integration	via PowerScript software	
	Remote Control	IR remote (optional IR-01 IR range extender module); control of single or multiple racked units	
	IP Compatibility	Supports IP Cameras	
	Mounting	Desktop, Shelf or Rack (rack mount supports included)	
	Ports	Data - RJ45 10/100 Ethernet; 485 Bus (2); 4 Serial ports for RS232 and RS 485 connections	
BX2 CA playback viewer	Option (model USB CA Viewer)		
Warranty	3 Years		

PLEASE CHECK THE WEBSITE OR YOUR LOCAL REPRESENTATIVE FOR PRODUCT ORDERING INFORMATION AND OTHER DEVELOPMENTS



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