



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 other 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 sale 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		
	Weight	25.1 lbs (11.4kg) with built-in power supply		
	Video	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		
Video Outputs		Main and Spot		
Audio	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		
	Export	DVD-R / CD-R		
Alarms	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 alarms 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)		
	Advanced Activity Detection	Yes		
Networking	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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