



NiceVision®
FAST alpha blue

SMART VIDEO
PROVEN VALUE

THE “ALL-IN-ONE” SOLUTION FOR HIGH QUALITY VIDEO AND AUDIO RECORDING AND MANAGEMENT

The FAST alpha blue series is an “all-in-one” advanced digital video recording system enabling easy configuration of each individual channel according to security needs. The plug-and-record system provides enhanced user experience with scalable architecture. The highly-reliable DVR is available with 8, 16 and 32 channels (per server) delivering superior video quality of up to 4CIF at real time (25/30 fps) synchronised with audio.



Insight from Interactions™

NICE

Product Highlights

- Easy configuration wizard for plug and record configuration
- Built-in analog video & audio matrix – for enhanced viewing and monitoring
- Supports Alpha Frame Rate Reduction (AFRR) for storage savings
- Pentaplex operation - simultaneous real-time recording, playback, live viewing, archiving and PTZ-control with guaranteed recording
- Authenticated and encrypted export formats
- Fully network-compatible with NiceVision FAST product line
- Video parameters and recording speed can be adjusted on the fly
- Video Input Protection (VIP) for detection of tampering and vandalism on cameras
- Advanced Video Motion Detection (AVMD) for object detection and analysis including counting, static object recognition and tracking
- User friendly GUI for intuitive use and effective surveillance

Features

- Up to 3.5TB internal storage (RAID 5 option) or 32TB external SCSI storage
- Remote control unit with jog shuttle (optional)
- LAN/WAN network capability over TCP/IP
- Supports alpha technology® “virtual video matrix”
- Built in MJPEG, MPEG-I, MPEG-2 and MPEG4 decoder
- SDK available for easy integration with 3rd party systems
- Advanced picture adjustments including re-interlacing of single frames
- Individual user levels and profiles



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Technical Facts

SPECIFICATIONS

Video inputs	Analog Composite: NTSC (60 fields/s) or PAL (50 fields/s); BNC Connector
Supported Video compression	MPEG-2 encoding and decoding / MPEG-4 decoding
Video resolution [pixel] PAL	Full Frame = 720 x 576, 2/3 Frame = 480 x 576, 1/2 Frame = 352 x 576, 1/4 Frame = 352 x 288
Video resolution [pixel] NTSC	Full Frame = 720 x 480, 2/3 Frame = 480 x 480, 1/2 Frame = 352 x 480, 1/4 Frame = 352 x 240
Stream type	Program
Network protocols	TCP IP, UDP, RTP, IGMP, ICMP, ARP
Alpha Frame Rate Reduction (AFRR)	for time-lapse recording rate
External storage	up to 32TB storage capacity (SCSI)
Configuration	Local configuration, remote configuration from DVR/DVS or remote access clients
Software upgrades	Local software upgrade, remote configuration from DVR/DVS or remote access clients
Operating system	WIN 2000
Software	alpha technology®
Licenses included	Simple Motion Filter; Event Combiner; Viewer; User Manager; Configuration Wizard

INTERFACES

Video Inputs	CVBS with BNC connector and amplified loop-through output
Audio inputs	line/mic-in: RCA connector; -21.7 dBu to 2.2 dBu, 64 mV to 1 V(rms)
Line/mic-in	with RCA connector; 0-24dB, 2V-128mV (rms)
Video input	8,16, 32 channels
Video output	4
Audio output	5
Trigger inputs / activated	8,16, 32
Relay outputs / activated	8,16, 32
Ethernet	1 x 10/100/1000 base-T, RJ45, auto-sensing; half/ full duplex
Serial	(RS-232, -422, -485), 2-5 number depending on model
Parallel	1 x 25 pin D-sub for PC printer
USB	6 x USB 2.0
VGA	1; dual output on high end models

HARDWARE

Input voltage (power supply)	100-240VAC, 50/60 Hz
Power consumption	depending on model; 250W to 350W
Operating temperature	0-40°C
Relative humidity (operating)	20-80%, non condensing
19" mounting form	4HU or 6HU
Dimensions (W x H x D)	4HU: (434 x 178 x 581) mm; 6HU (434 x 267x581) mm
Storage capacity	up to 8 serial ATA HDD and 1 system HDD
Color	RAL 7021 (black)
Approvals	FCC class CSA, VCCI, FCC, C-Trick, R-Mark, CE

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