

## TECHNICAL DATA SHEET

# Cubis- AIS Series

Cubitech Triple Solution Analogue NVR



Cubis- AIS Series

### KEY FEATURES

- DI Recording Resolution For All Inputs
- Maximum Analogue Camera Inputs Up To 16
- Maximum SDI Megapixel Camera Inputs Up To 4
- Easy Upgrade Path Of Existing & Installed Systems
- LAN Independency
- Total System Redundancy
- Unrestricted Cabling Routes
- Building a High-Definition CCTV System With Minimum Cost
- Intuitive Graphical User Interface (GUI) – CubisNX S/W
- Pentaplex Operation
- Built In DVD-/RW For Instant Video Export
- Built-In RS-485 For Controlling PTZ-PT-ZOOM Cameras
- On-Board Digital I/O Card For Controlling External Seives By TTL Pulses
- Dynamic xDSL Support With Built-In DynamicDNS Client

### ORDERING INFORMATION

CB-AIS-04 : 4 CH Cubitech Triple Solution Analogue NVR

CB-AIS-08 : 8 CH Cubitech Triple Solution Analogue NVR

CB-AIS-16 : 16 CH Cubitech Triple Solution Analogue NVR

CB-AIS-24 : 24 CH Cubitech Triple Solution Analogue NVR

CB-AIS-32 : 32 CH Cubitech Triple Solution Analogue NVR

## TECHNICAL DATA SHEET

### TECHNICAL SPECIFICATION

|                               |   |           |           |           |           |
|-------------------------------|---|-----------|-----------|-----------|-----------|
| Model Number                  | CB-AIS-04   | CB-AIS-08 | CB-AIS-16 | CB-AIS-24 | CB-AIS-32 |
| Analogue Inputs               | 4Ch   | 8Ch       | 16Ch      | 24Ch      | 32Ch      |
| SDI Megapixel Inputs          | +4Ch Max (Option)   |           |           |           |           |
| IP Cameras                    | +Packs Of 4 up To 32Ch Per System (Depending On The Total Number Of Inputs)   |           |           |           |           |
| Camera Type                   | Composite (BNC), SDI Megapixel (BNC) & IP Cameras (LAN)   |           |           |           |           |
| Video Outputs                 | 1x VGA Monitor, 2x Composite  |           |           |           |           |
| Format                        | PAL + Megapixel   |           |           |           |           |
| TV-OUT Output                 | 1 ~ 2 Switcher Or Spot Monitor Fully Programmable   |           |           |           |           |
| Display Resolutions           | PAL, SDI Megapixel, IP  |           |           |           |           |
| PAL                           | 160x144, 176x144, 320x288, 352x288, 640x288, 704x288, 640x576, 704x576, 720x576   |           |           |           |           |
| SDI Megapixel                 | 720p, 1080p   |           |           |           |           |
| IP                            | Depending On The Resolution Of The Camera   |           |           |           |           |
| Camera Display Layout         | 1, 2, 4, 6, 8, 9, 10, 13, 16, 20, 25, 28, 36, 64  |           |           |           |           |
| Video Compression Algorithm   | H.264   |           |           |           |           |
| Audio Channel                 | 4Ch   | 8Ch       | 16Ch      | 24Ch      | 32Ch      |
| Storage Capacity              | Option To Upgrade Up To 10TB, RAID Configuration  |           |           |           |           |
| Video Export                  | DVD-RW, USB, Blu-Ray (Optional)   |           |           |           |           |
| Digital Input                 | 8 Input To 16 Inputs (Max)  |           |           |           |           |
| Digital Output                | 8 Output To 16 Outputs (Max)  |           |           |           |           |
| Motion Detection VMD          | Yes, Per Camera Basis   |           |           |           |           |
| PTZ Port                      | RS-485  |           |           |           |           |
| Protocol                      | Pelco-D, Dynacolor, Sensormatic, TEB, Merit-Lillin, Panasonic etc.  |           |           |           |           |
| Preset Positions              | Yes, Configurable By User   |           |           |           |           |
| Patrol                        | Yes, At Preset Positions  |           |           |           |           |
| Patrol Time Delay             | 1 Sec, 5 Sec, 10 Sec, 15 Sec, 30 Sec, 1 Min, 2 Min, 5 Min, Custom Patrol  |           |           |           |           |
| Wiper Support                 | Yes, Depending On The PTZ Model   |           |           |           |           |
| Transmission                  | PSTN, ISDN, xDSL, Network, WAN, Wi-Fi, GPRS, 3G/UMTS Or Any IP Network  |           |           |           |           |
| Image Size                    | Min : 0.3 Kbytes / Max : 160.0 Kbytes   |           |           |           |           |
| ISDN (128Kbps)                | Up To 100 fps   |           |           |           |           |
| xDSL (512Kbps)                | Up To 200 fps   |           |           |           |           |
| LAN (10/100BaseT)             | Up To 400 fps   |           |           |           |           |
| Alarm Response Engine         | Yes Full Support For Analogue Inputs, IP Camera Depending On The Model  |           |           |           |           |
| Event-Driven Parallel Storage | Yes, Based On Event Categories  |           |           |           |           |
| Categories                    | VMD, Video Loss, Digital I/O, Scheduled, System Fault, Access Control, Text Input, Manual & Minimum Recording Time, Predefined Alarm, Alarm Responses (Based On Available Alarm Categories) |           |           |           |           |
| Responses                     | Email (With Attachments), SMS, Move PTZ, Digital I/O Activation & Spot Monitor  |           |           |           |           |
| Event Log                     | Yes, Locally & Remotely   |           |           |           |           |
| Recording Modes               | Time Lapse, Weekly Schedule, Motion Detection, External Trigger   |           |           |           |           |
| Image Size On Disk            | Min : 0.7 KBytes / Max : 256 KBytes   |           |           |           |           |
| Recording Resolutions (PAL)   | 160x144, 176x144, 320x288, 352x288, 640x288, 704x288, 640x576, 704x576, 720x576   |           |           |           |           |
| Analogue Recording Rate       | 100 fps   | 200 fps   | 400 fps   | 400 fps   | 400 fps   |

# TECHNICAL DATA SHEET

## TECHNICAL SPECIFICATION

|  |   |     |      |      |      |
|--|---|-----|------|------|------|
| SDI Megapixel Resolution Rate                  | 720p, 1080p   |     |      |      |      |
| SDI Megapixel Recording Rate                   | Up To 25 fps Per Channel (Maximum)                                    |     |      |      |      |
| IP Cameras Resolution Recording                | Depending On Camera Type  |     |      |      |      |
| IP Cameras Recording Rate                      | Up To 25 fps Per Channel Depending On Camera & Network Performance    |     |      |      |      |
| Frame Allocation                               | Intelligent Frame Allocation, Camera Boost On VMD, Quality Increase   |     |      |      |      |
| Search   | Date / Time, Camera, Event Per Camera Basis / Access Control Events   |     |      |      |      |
| User Interface                                 | Graphic User Interface  |     |      |      |      |
| User Input Device                              | Mouse, On Screen Keyboard   |     |      |      |      |
| Security Levels                                | Multi-User, Multi-Level Password Protection                           |     |      |      |      |
| Per-User Security Level                        | Yes, 5 Levels   |     |      |      |      |
| Access To Video Playback, Export Video & Audio | Only To Authorised Users  |     |      |      |      |
| Hidden Cameras                                 | Yes, With User Access Levels  |     |      |      |      |
| System Protection                              | Auto Power-On After Power Loss Recovery, Firewall, Traffic Encryption |     |      |      |      |
| Remote Access                                  | Yes, Through CubisNX Software   |     |      |      |      |
| Certifications                                 | CE  |     |      |      |      |
| Network Protocols                              | TCP / IP  |     |      |      |      |
| Network Interface Card                         | Fast Ethernet, 100/1000 Mbps (RJ45 Connector x1)                      |     |      |      |      |
| Power Source                                   | 100V / 240V AC  |     |      |      |      |
| Power Consumption                              | 80W   | 90W | 120V | 135W | 150W |
| Operating Temperature                          | 0°C ~ +40°C   |     |      |      |      |
| Dimensions (L x W x H)                         | 423 x 423 x 161 mm  |     |      |      |      |
| Weight   | 13.5 Kg   |     |      |      |      |

Features and specifications are subject to change for further improvement without any notice

