



# 1-Channel Simplex DVR

## IV-110CD-SN

### Features:

**Non-PC based reliable digital recorder with major digital advantages**

. Pre-alarm recording capability . Network capabilities

**Compression:** . MJPEG

**Recording Media:** . One hot swappable removable HDD . One fixed hard disk . Critical image archiving via SD Card

**Multiple search modes:** . Time search . Alarm search . Event search . SD card search . Filter(thumbnail) list search

**Multiple recording modes**

. Schedule recording . Pre-Alarm recording . Post-Alarm recording . Manual recording . Circular recording

**Each channel has up to 30 ips with quad format**

**Network capabilities:** . View live or recorded images . Remote system adjustment . Archive image as JPEG & AVI format

. Ethernet (10/100 Base-T) . TCP/IP, DHCP, HTTP . UDP, FTP, PPP

**Playback Speeds:** . Frame stepping . 1/16X, 1/8X, 1/4X, 1/2X . 1X, 2X, 4X, 8X, 16X, 30X, 100X

**Motion Detection - Operation status record log - Water marking with digital signature**

**User friendly Jog/Shuttle operation - Remote control via RS-232, RS-485 - and Ethernet port**

**Auto power interrupt recovery - Text inserttion - Audio function available**



SPECIFICATION	IV-110CD-SN
Image System	NTSC / PAL
Resolution	720x240 pixels, 352x240 pixels / 720x288 pixels, 352x288 pixels
Video Input	Composite Video In (BNC) x 1, Multiplexer Monitor In (BNC) x 1
Video Output	Composite Video Out (BNC) x 1, Multiplexer Monitor Out (BNC) x 1
Audio In/Out	Line In / Out (RCAx2), 16 bits, 8 kHz
Compression	MJPEG
Storage Media	>320 GB / 1 Fixed HDD ,1 Removable HDD
Memory Card	SD Card
Archive	Hot Swappable Removable HD
Watermark	Digital Signature
Recording Rate(each channel)	30 ips for 720x240, 60 ips for 352x240 / 25 ips for 720x288, 50 ips for 352x288
Image Size (approximate)	Best(48KB) / High(32KB) / Standard(21KB) / Basic(16KB)
Recording Mode	Schedule / Manual / Alarm / Circular
Motion Detection	Yes
Alarm Recording	Event / Pre-Alarm / Post Alarm
Pre-alarm Recording	100 Pictures
Playback Speeds	Frame Stepping, 1/16 X, 1/8 X, 1/4 X, 1/2 X, 1 X, 2 X, 4 X, 8 X, 16 X, 30 X, 100 X
Record Search	Alarm / Time / Event list / Filter(thumbnail) / SD card
Language	English / Chinese(T)
Set-up Menu	Multi-layer / Network setting
Log List	3000 records
Alarm In/Out	4 Alarm Input / 1 Alarm Output
Built in Buzzer	Yes
Communication Port	RS-232 / RS-485
Network Interface	Ethernet (RJ-45 10/100 base-Tx) x 1
Network Protocol	TCP/IP, DHCP, HTTP, UDP, FTP, PPP
Software Upgrade	Upgrade via Memory Card(SD Card) or RS-232C
Password Protection	Operation / Menu Setup / Remote Access
Network Capabilities	Archive image as JPEG formats - Remote system adjustment - View live or recorded images
Power Supply	Input: 100-230V, 50/60 Hz; Output: DC12V max 5A: (AC adapter)
Dimensions	220 x 94 x 340 mm EIA 19" 2U Half Size Mountable
Operating Temperature	5 - 40 OC (41 -104 OF)
Regulation	FCC , CE

