



Finally,
 you can see **FULL HD**
 through Coaxial
 without network

16Ch HD-SDI Standalone DVR HX-1600E



- > 16ch HDSDI Input
- > 1920x1080p Display & 720p or 1080p REC

Key Feature

- . **H.264 Compression (Main Profile)**
- . **1920x1080p Live Monitoring**
 Support HDMI & VGA output of Full HD (1920 x 1080 progressive) resolution.
- . **16 HD-SDI Video Input**
 Support Full HD live display & recording (1080p 80fps or 720p @192fps)
- . **Pantaplex** Allows for simultaneous Live, Recording, Playback, Networking and Backup
- . **Recording Storage** Max 4HDDs or 3 HDD + 1DVD could be built in
- . **Full Channel audio**
- . **Mobile view on 3G Device** you can download each app store to remote view by your smart phone. At this moment we support iphone, android, blackberry
- . **Cristal Picture Quality** : Utmost graphic OSD, respectively can comparing its picture size
- . **User Friendly GUI** : Flexible, Easy and Convenient
- . **Advanced CMS Software** : Convenient and Versatile Software
- . **S.M.A.R.T function** : Self Monitoring Analysis and Reporting Technology



When every detail matters with as HD-SDI camera, the resolution is at least six times better than an SD CCTV camera. 2 Mega HD-SDI camera view compared to six SD camera views.

Specification

Model		HX-1600E
Compression		H.264 Main Profile
Video Format		HD-SDI
Video Input		16 HD-SDI Inputs (1080i 50/60, 1080p 25/30, 720p25/30/50/60)
Video Output	VGA HDMI HDSDI	1 VGA (Max 1920x1080) 1 HDMI (Max 1920x1080) 1 HDSDI (Max 1920x1080)
Recording Frame	720p/1080p	192fps @1280x720p / 80fps@1920x1080p
Audio	Input Output Compression	16 Input (RCA) 1ch Line and HDMI output G.711
Alarm	Input Output	16ch, NC/NO Selectable 4Channel by Sensor, Motion and video Loss
Recording	Modes Quality Pre Recording Post recording Motion Detection	Continuous / Schedule / Sensor / Motion / Manual 5 Levels 15second ~20 Minutes 10~60 seconds 20x11 Grid
Search	Search mode Remote Search	Time Search, Calendar Search, Event Search, Log Search, Archive Yes (CMS Remote search)
	Playback speed	FF (x1/4, x1/2, x2, x4, x8, x16, x32, x64) FR (x2, x4, x8, x16, x32, x64)
	zoom (Playback)	Zoom in specific area by mouse drag
Storage	Primary External Max Capacity	SATA HDD (up to 4) 2 e-SATA for Raid 8TB (4TBx2ea)
Back up	Clip copy Storage Backup file format	USB / External HDD / Network JPEG / Proprietary Format (Viewer Program built in)
	Remote Backup	Remote backup by CMS (AVI)
Network		10/100/1000 Mbps Ethernet (RJ-45), Auto MDI/MDIX Streaming (RTP, RTSP, RTCP), protocols(HTTP, DDNS, NTP, SMTP) Remote playback (Searching by HD) Remote Live (640x360/320x180)
Network Transmission Qualities		Level 1~5 for each channel
Dual Streaming		Selectable
3G Communication		iphone, Android, Blackberry
Serial / USB	Camera Control	RS-485 (Terminal Block) Pan/tilt, Zoom, Focus, Iris, Pattern, Preset, Camera OSD control
	POS USB Port Control Keyboard	RS-232 2 x USB (front : 1 , Rear : 1) RS-485
	Control Device	Keypad, Mouse, controller, Remote Controller
NTP Server		Yes
GMT Time Zone		Yes
Auto DST		Yes
Security	Multi User WCS	4 group (Admin, User 1,2,3) Yes (Watermark Check System)
Multi Language		support
Firmware upgrade		OK (USB, Remote network)
Operating System		Embedded Linux
OS Firmware		Linux OS in Flash Memory
Operating Temperature		0°C~40°C
Operating Humidity		20% ~ 80%
Power adaptor		AC 100~120V/200~240V, 50/60Hz, 280W
Dimension (W x H x D)		430(W)*430(D)*98(H)mm
Weight		7 Kg (9.0Kg)

H.264 compression

Mobile Viewer

19"rack mountable

16ch HD-SDI Input

Dual Streaming

Various Language

REC (720p 200fps /1080p 80)

Instant Front Button

2 USB (Back + Front)

HD Out (1920x1080p)

DDNS

Firmware Upgrade

