

HD-TCX
CCTV OVER COAX

FULL HD
1920X1080



IPHD-TCX-16Z
16 ch FULL HD 1080p **HD-TCX** DVR



OVERVIEW

HD-TCX (High Definition - Transmission over Coax Cables) is a new technology developed to transmit HD video via coaxial cable, allowing for reliable and non-latency long range HD transmission without additions of relay devices. The technology renders Full HD 1080p & HD 720p megapixel video formats by progressive scanning in an uncompressed and crosstalk-free environment with constant signal transmission and display without problems such as frame drop & lock loss occurrences.

HD-TCX also allows for two-way communication such as Camera OSD Access, PTZ control & Audio along with the capability of Digital Zoom in live view or playback. The installation of **HD-TCX** Cameras & DVR is far easier as it allows the use of existing RG-59 coax cable to easily upgrade the current analog system by successfully transmitting HD video over distances in excess of 500 meters with no expensive repeaters or signal boosters.

FEATURES

- 16 channels FULL HD 1080p DVR
- H.264 High Profile video compression/decompression (dual-stream)
- Recording @ 1080P resolution
- Synchronous playback at 1080P resolution
- Audio : 2ch Input / 1ch Output, Alarm : 4ch Input / 1ch Output
- HDMI x 1, VGA x 1, BNC x 1 (HDMI / VGA / BNC simultaneous video output)
- Upto 18TB (3SATA HDDs x 6TB each)
- Ethernet support for remote access
- EAZY Networking (P2P Cloud)
- Remote access through mobile phone/PDA/Tablet PC
- RS-485 for PTZ control
- USB 2.0, DVD Writer(Optional) for video/audio backup to versatile storage devices



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SPECIFICATIONS

Built In Technology	HD-TCX (High Definition - Transmission over Coax Cables)
Video compression	H.264
Format	FULL HD 1080p
Channel Inputs	16 ch
Playback Resolution	1920 × 1080 / 60 Hz, 1280 × 1024 / 60 Hz, 1280 × 720 / 60 Hz, 1024 × 768 / 60 Hz
Encoding resolution	Main stream: 1080P / 720P / VGA / 4CIF / CIF
Display Interface	1 x HDMI, 1 x VGA, 1 x BNC (Spot)
Audio Input / Output	Audio In x 1 / Audio Out x 1
Alarm Input / Output	4ch In / 1ch Out
Stream Type	Video, Video & Audio
Event Notification	Push Status / FTP / E-Mail
SATA HDD's	Upto 18TB (3 SATA HDD's x 6TB each)
Synchronous Playback	16 Synchronous Playback
USB Ports	2 x USB 2.0 port
Backup	USB, Network, DVD Writer(Optional)
Ethernet	10/100 Base-T. Supports remote control and live view via Ethernet
Protocol	TCP/IP, PPPOE, DHCP and DDNS
Remote users	Up to 10 online users maximum access
Remote stations	PC, mobile phone, PDA, and/or tablet PC.
Web	Web Viewer
Networking	EAZY Networking (P2P Cloud)
Camera Title	Up to 25 letters
Motion Detection	YES
Video Loss Detection	YES
IR Remote Control	YES
PTZ Control	YES
Digital Zoom	2x
Dimensions (mm)	430(W) x 65(H) x 438(D)
Power Source	DC 19V
Power Consumption	≤ 20W (without HDD)
Operating Temperature	0°C ~ +50°C
Relative Humidity	10~90%