

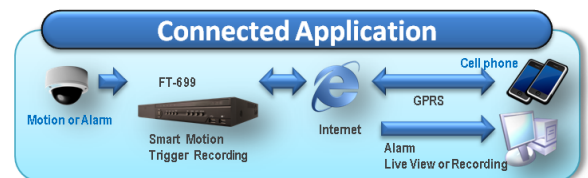
## Overview

FT-699, 8CH Advanced H.264 real time Digital Video Recorder. It includes features such as Advanced H.264 compression format, superior real time performance with 240 FPS (NTSC) / 200 FPS (PAL), backup via External HDD, USB flash drive and network functions, advance motion trigger recording, and pentaplex functions. All the benefits of this product are created to secure your life every time and everywhere.



## Features

- Advanced H.264 Web Transmission - Advanced H.264 web transmitting compression format for faster transmission and clearer images via network
- Flexible Function Control Solution with Removable Control Panel - The control panel can be removed and used as a remote controller
- Graphical User Interface (GUI) - GUI for easier and more friendly usage and setting
- Triplex Streams Operations - Allow live display, record, playback, backup, network transmission and mobile phone monitoring operations at the same time
- Central Monitoring System (CMS)
- Full HD (1080P) video resolution at HDMI output (\*optional)
- Support VGA for LCD Monitor (min 1024 x 768)
- Free Upgrade to advanced functions - Allow you to upgrade DVR functions without additional charges
- Long recording time - 1TB can record around 90 days (8CH, CIF, Normal Quality, 25 FPS)
- Backup function - Support file backup via External hardisk, USB flash drive and network
- Remote Surveillance - Support remote surveillance up to 5 users simultaneously with licensed software AP and IE browser
- Smart Motion Trigger Recording - With the advanced functions of motion detection, scheduled motion detection recording (4 different adjustable factors for motion detection sensitivity) and quick search, customized security environment are achieved.
  - Support pre-alarm recording (8MB)
- Covert Recording - A recording replace live image with mask layer for security purpose
- A/V Support - Support 4 audio-in, 1 audio-out to record sounds
- General Function - System auto recovery after power reconnected.
  - Daylight saving function.
  - Manual / timer / motion / alarm / network recording.
  - Watermark to ensure the authentication of recorded images.
  - TCP / IP, PPPoE, DHCP and DDNS network connection.



## Specification

Video System	: NTSC / PAL (switchable)
Video Compression Format	: H.264 Advance Video Coding
Video Input	: 8 Channels (Composite video signal 1 Vp-p 75Ω BNC)
Video Output	: Main Monitor Output - Composite video signal 1 Vp-p 75Ω BNC
Maximum Recording Rate (Frame)	: 720 x 480 pixels with 30 FPS <NTSC> 720 x 576 pixels with 25 FPS <PAL>
Maximum Recording Rate (CIF)	: 352 x 240 pixels with 120 FPS <NTSC> 352 x 288 pixels with 100 FPS <PAL>
Adjustable Recording Speed (Frame)	: 30, 15, 7, 3 FPS <NTSC> 25, 12, 6, 3 FPS <PAL>
Adjustable Recording Speed (CIF)	: 120, 60, 30, 15 FPS <NTSC> 100, 50, 25, 12 FPS <PAL>
Multilingual OSD	: YES
Image Quality Setting	: Best, high, normal and basic
Internal Storage	: 1TB AV HDD (Special design for surveillance recording)
HDD Quick Cleaning	: Quick clean up the "index system" of the recording files (750GB) under 2 seconds)
Recording Mode	: Manual / Timer / Motion / Alarm / Remote
Watermark	: YES
Refresh Rate	: 240 FPS for NTSC / 200 FPS for PAL
Triplex Streams	: Pentaplex: live display, record, playback, backup and network transmission and mobile phone monitoring
Independent Remote Operation	: YES
Audio I/O	: 4 audio inputs, 1 audio output (Mono)
Motion Detection Area	: 16 x 12 grids per camera for all channels
Motion Detection Sensitivity	: 4 Adjustable variables with precise calculation for

Pre-alarm Recording	: YES (8MB)
Backup Device	: 1. USB flash drive; 2. Network
USB Interface	: Front panel *1
HDMI Output	: Full HD (1080P) video resolution
Web Transmitting Compression Format	: H.264 Advance Video Coding
Network Independent	: YES
Ethernet	: 10/100 Base-T. Support remote control and live view via Ethernet
Web Interface	: Support licensed software AP and IE browser
Remote Alarm Notification	: YES
Network Protocol	: TCP/IP, PPPoE, DHCP and DDNS
IR Transmitter	: YES
Alarm I/O	: 8 inputs, 1 output
Picture Zoom	: 8X digital zoom (live and playback)
Key Lock	: YES
Video Loss Detection	: YES
Camera Title	: Support up to 6 letters
Video Adjustable	: Hue / Color / Contrast / Brightness
Date Display Format	: YY/MM/DD, DD/MM/YY, MM/DD/YY, and off
Daylight Saving	: YES
Power Source	: DC 12V
Power Consumption	: < 64 W
Operating Temperature	: 10°C ~ 40°C (50°F ~ 104°F)
Dimensions (mm)	: 430 (W) x 65 (H) x 300 (D) mm
System Recovery	: System auto recovery after power reconnected
Warranty	: 1 year against manufacturer's defect on electronic only. Warranty does not valid for human mistake, act of god or lighting strike