

## 1CH A/V Server

### The Most Powerful MPEG4 1CH Video Server

iCanServer512 is a powerful MPEG4 based 1CH video server in a ultra compact housing. Developed to replace its predecessor, iCanServer510, it supports all the features required on a 1 channel video server plus advanced features for cost savings and conveniences in the installation such as power output for the analog camera, standard PoE, and BALUN.

Just plug in the analog video! It will convert your analog CCTV camera into a most advanced IP video camera with real time bi-directional communication feature.



### Key Features

- Small Form Factor
  - Ultra compact design
  - Easy to Install alongside Camera
- Standard PoE built-in
- Added convenience in the Installation
  - Power Output(12V) for Analog Camera (Power Cable Accessory provided)
  - BALUN
- Dual Streaming : MPEG4 + JPEG (for mobile)
- Improved Picture Quality
  - Input to Y/C Separation Provided (S-Video)
- Two-way audio communication
- Video Output: BNC and BALUN(Twisted UTP Cable)
- Optional items
  - Flash memory for local storage



### Client Software – free of charge except iCMS



## Specifications:

Video Part	
Compression method	MPEG4
Resolution	-NTSC : 720x480(full D1), 720x240(half D1), 320x240(CIF), 176x144(QCIF) -PAL/SECAM : 720x576(D1), 720x288(HALF D1), 352x288(CIF), 176x144(QCIF)
Number of frames/sec	In max resolution -Up to 30 frames (NTSC) -Up to 25frames(PAL)
Video Input	1ch CVBS or Y/C Separation
Video output	1ch CVBS output or BALUN
Motion detection	3 regions

Audio Part	
Compression method	-ADPCM (IP Camera→Client PC) -PCM (Client PC→IP Camera)
Bi-directional communication	Supported
Audio input/output	1ch( from Microphone or audio device) /1ch(to speaker)

Network	
Access Network	100Base-T, xDSL Modem, Cable Modem, Leased line, Optic Fiber
Protocols	IPv4, TCP/IP, ARP, ICMP, HTTP, SMTP, FTP, DHCP, RTP, RTSP, SDP, PPPoE
Security	User ID & password protection, IP address filtering
Dynamic IP	Supported (through iCanTek's management server)

Installation	
Standard PoE	Supported
PLC	N/A
WiFi	N/A

General	
Alarm input / output	1 Sensor input / 1 Relay output
PTZ control	RS-485
Alarm notification	Email(video file), FTP server (for alarm video file)
Dual streaming	MPEG4 + JPEG (for mobile)
IBRC	Intelligent bit rate control
3G mobile	Support (ask iCanTek for detail)
Local storage	Supported (optional)

Client Software	
iNVR	16ch(free of charge)
NVR-Pro / iCMS	64ch(free of charge) / 64ch
PDA viewer / Mobile viewer	4ch / 1ch( free of charge)

Operating Environment, Power, Dimensions	
Operating Temperature	0~45°C(32~113°F)
Operating Humidity	8~80% RH
Power	12VDC, 2.5A / 4.5W
Dimensions(W x L x H)	66mm(3") x113mm(4") x 28mm(1")
Weight	195g ( 0.42lbs)
Casing	Aluminum
Approvals	FCC, CE, MIC, RoHS
Package information	Video Server, CD (User's guide, Software...), Power cord, Power adaptor, DC Power cable,

Optional Items	
Flash memory	2G, 4GB, 8G, 16GB
Day & night	N/A
WiFi	N/A
PLC (power line communication)	N/A

