

Video/Imagery distribution on Cellular Networks

The iServe HNC500 provides a simple and cost effective method for distributing live CCTV video and database imagery to PCs and cellular appliances. The product has a diverse range of mobile data applications and is ideal for providing a homogeneous user interface for accessing disparate applications ranging from surveillance and emergency response video to mug shots and missing persons databases.



Features

The HNC500 is built on a Linux Operating System and supports a real time MPEG4 video encoder, JPEG encoder, Multimedia streaming server, Web server, FTP server, NFS/SMB/CIFS file services, SMTP client, SMS client and a range of video/imagery applications targeted at the collection and distribution of video and imagery in policing and public safety environments.

The product can be used to access live video and captured imagery from CCTV monitoring centres and archived imagery from databases. The live video can be routed through the product and is available on cellular networks as live video. A comprehensive video editing application is available to enable the rapid capture and distribution of video and imagery to attending officers. The video is captured in MPEG4 motion media format and the imagery is captured in JPEG format and any standard multimedia handset in addition to PCs and PDAs can access the media.

Automatic reformatting and resizing of images from live CCTV and archived media databases is supported enabling remote access to imagery without the need for the formatting of the archived media to support varying terminal display resolutions and network bandwidths.

Access to officer geographic location enables the targeted delivery of data to attending and responding officers.

The product supports a comprehensive built-in web based management tool suite for configuring, operating and maintaining the unit.

Software Applications

- HTTP server
- Media Streaming server
- FTP server
- NFS/SMB/CIFS file sharing
- Network time
- Web based configuration and management

Video Interface

- 8 CCTV inputs PAL/NTSC, 75R/HiZ, 1Vpp

Motion Video Encoder

- MPEG-4 ISO/IEC 14496-2

Imagery Encoder

- JPEG ISO/IEC 10918-1
- Frame Sizes - QCIF, PDA, CIF
- Frame rate 25/30fps

Communications

LAN

- 1 port 10/100 Mbps

Radio

- UMTS/GPRS/CDMA/TETRA

Protocols

- HTTP, FTP, ARP, RARP, DHCP, RTSP, RTP/RTCP, UDP, TCP/IP, PPP, CHAP, NTP

Hardware

Electrical

- Input Volts: 12VDC / 96-220VAC adapter
- Power consumption: 12 Watts maximum

Mechanical

- Unit dimensions 300 X 150 X 60 mm
- Video ports connector BNC
- LAN RJ45
- Compact flash Type 2
- Weight: 1.6Kg

File Format

- MP4 file format for storage and playback

Terminal Software

- HTML browser
- 3GPP/MP4 media streaming player

Management

- Configuration of recipients for SMS/Email
- Attach text descriptions to captured imagery
- Attach Profile to captured imagery
- Text search on captured data base
- Dynamic Folder Naming
- Network Time synchronisation
- Configure HTTP, FTP and mirroring functions
- For optimum response times adjust
 - Quality of Jpeg imagery
 - Quality of Mpeg motion media
 - Display size
 - Record length
- Secure access using
 - Username and Password
 - Access based on MAC address
 - Access based on IP address

Live VCR Test

Ready



Message

Ic1 male proceeding South on king st assaulted warden

Profile

Ethnicity:Caucasian
Hair:Black
Complexion:
Height:1.7m
Weight:70Kg
Sex:male

Directories

- Covert
- Overt
- Mobile
- Patrol
- Brief

Save Delete Refresh File Manager Ref Code Find Home

Environmental

Operating temperature: 0 to +70°C
Operating humidity: 95% non-condensing
Storage temperature: -55 to +125°C
MTBF: 10 years

Regulatory

EN 60950:2000 3rd edition safety
EN 55022 (2001) emission - Class B
EN 61000-3-2(2000) mains harmonics
EN 61000-4-2 (2001) ESD
EN 61000-4-6(2001) mains conducted
EN 61000-4-5 (2001) Surge
EN 61000 3-3(2002) voltage fluctuation

CE approved