



## Recording Server RS100 series



Professional Network Server for Phone recording...

Offers many value-added enterprise-grade advantages such as

- ◎ Non PC base, special design embedded Network Server, provide robust, energy-saving, virus immunity 24H reliable operation.
- ◎ Web base user interface, easy configuration and administration from Internet or Intranet, no any admin PC software install require, admin from any PC, notebook, Mac PC, Smart phone, PAD by browser.
- ◎ Depend on the recording time space require, selectable internal storage disk from USB or HDD disk, from 2GB to 3TB.
- ◎ User-friendly Web UI and compact design allow simple and rapid deployment.
- ◎ Recorded files can be automatic backup to external HDD through USB port or network storage device.

Yoda RS100 series is a digital call recording server that provides unattended, high-quality digital recording of voice and call data. Thousands hours of telephone conversation can be recorded and played back instantly from local or remote PC, PAD, Smart phone with web browser. RS100 series servers can provide four to sixteen recording channels depending on the user's requirement. Its innovative and rich functions are suitable to improve the operation of today's enterprises, such as stock trading, mail/TV order, public safety, military and government. With the compact profile design, it is perfect choose for SOHO users and enterprises.

### Robust Embedded Design

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Unlike other vendor use general-purpose PC and Windows, Yoda RS100 series recording server is based on powerful 32-bit network RISC and DSP chip dedicated hardware and software design. The overall solution is with great reliability and virus immunity to prevent hacking.

### Easy Installation, Voltage/Sound/DTMF trigger record

RS100 series is built-in high-impedance interface which does not affect the call quality of the taping telephone or on the PSTN line, it can set trigger recording by line voltage, sound volume, or DTMF key automatically

### Easy to retrieve recorded wave files by combine search term

User can easy to sort out interesting recorded wave files by combine the search term of date, time, call in or out, number, duration, departmental and extension number.

After user input search condition, RS100 series will display how many records matched, once user accept the result, RS100 series can generate an offline homepage include CDR main page and wave files to allow user easy to portable and offline browse.

**Wav Search**

Start Time: 2012-05-16 11:30  
End Time: 2012-05-16 11:30  
Call Way: OUT  
Search Number: 85123390  
Saved: ☐  
Rec Type: Voltage  
Durations: 10 ~ Second  
Channels: ☒ 1 ☐ 2 ☐ 3 ☒ 4 ☐ 5 ☐ 6 ☒ 7 ☐ 8  
☐ 9 ☐ 10 ☐ 11 ☐ 12 ☐ 13 ☐ 14 ☐ 15 ☐ 16  
Department: ☒ Customer Service ☐ R&D ☒ Sales  
Extension: 601 (Search extensions: format)  
Download: ☒  
**Search**

Download completely  
100.0% downloaded  
Please Choose Saved Folder **Start Download** Cancel Download Search Again  
Download(Total: 9 Rows)

Channels	Channel Name	Rec Type	Call Way	Calling Number	Dialed Number	Extension	Start Time	Release Time	Duration
1		Voltage	IN	1234567789	0123456789*#		2012-05-14 13:59:21	2012-05-14 14:00:01	00:00:39
1		Voltage	IN	1234567789	0123456789*#		2012-05-14 13:58:21	2012-05-14 13:59:02	00:00:41
1		Voltage	IN	1234567789	0123456789*#		2012-05-14 13:57:21	2012-05-14 13:58:01	00:00:40
1		Voltage	IN	1234567789	0123456789*#		2012-05-14 13:56:20	2012-05-14 13:57:01	00:00:40
1		Voltage	IN	1234567789	0123456789*#		2012-05-14 13:55:20	2012-05-14 13:56:00	00:00:40
1		Voltage	IN	1234567789	0123456789*#		2012-05-14 13:54:20	2012-05-14 13:55:01	00:00:41
1		Voltage	IN	1234567789	0123456789*#		2012-05-14 13:53:20	2012-05-14 13:54:00	00:00:39
1		Voltage	IN	1234567789	0123456789*#		2012-05-14 13:52:20	2012-05-14 13:53:00	00:00:40
1		Voltage	IN	1234567789	0123456789*#		2012-05-14 13:51:19	2012-05-14 13:52:00	00:00:40

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## Automatic Email Alert function

RS100 series server will send alert email to users (up to 3 users) to notify abnormal events happen like: long time no recording, Hard disk & USB backup device almost full...

SMTP Host	<input type="text" value="yourdomain.com"/>
SMTP User	<input type="text" value="yoursmtputername"/>
User Name	<input type="text" value="yourname"/>
SMTP Password	<input type="password"/>
SMTP Password Confirm	<input type="password"/>
Receiver Email1	<input type="text" value="username@domain.com"/>
Receiver Name1	<input type="text" value="aaa"/>
Daily Report Sedding1	<input checked="" type="checkbox"/> System Status <input checked="" type="checkbox"/> System log <input checked="" type="checkbox"/> Access log
Receiver Email2	<input type="text" value="yourname@yourdomain.com"/>
Receiver Name2	<input type="text" value="yourname"/>
Daily Report Sedding2	<input checked="" type="checkbox"/> System Status <input type="checkbox"/> System log <input type="checkbox"/> Access log
Receiver Email3	<input type="text"/>
Receiver Name3	<input type="text"/>
Daily Report Sedding3	<input type="checkbox"/> System Status <input type="checkbox"/> System log <input type="checkbox"/> Access log
Notification interval	<input type="text" value="24"/> <input type="button" value="v"/> Hour
Daily Report Subtitle	<input type="text"/>

Recording Not work	<input type="text" value="1"/> <input type="button" value="v"/> Hour
Hard Disk usage	<input type="text" value="75"/> <input type="button" value="v"/> %
Record maximum time	<input type="text" value="6"/> <input type="button" value="v"/> Hour
Backup device usage	<input type="text" value="75"/> <input type="button" value="v"/> %

## TCP/IP and RS-232 SMDR ports

Get Call Detail Records (CDR) included Time, Date, Call Duration, Number dialed, Caller ID information, Extension, Line/trunk location, Call completion status from PBX's TCP/IP or RS-232 SMDR (Station Message Detail Recording) port. RS100 series will combine the SMDR data and recorded wave files to data base for user's querying. RS100 built-in SMDR editor can help user elected from the list of existing PBX vendor and models, or easily define SMDR parsing grammar format customization.



SMDR Settings--Modify

(Enable:NEC SV8100)

PBX Name	NEC7400 A		Data Bits	8	Stop Bits	1	Parity	None
Com Port	/dev/ttyS0	Bar	Tcp User		Tcp Password			
Smdr Tcp IP			Command interval		0			
PBX Command			Capture Port					
Capture Ip			Execute					
Type	NEC7400 A	Pos-Key	code	2	Total Length	132	End Code	1310
Pos-Ext.	15/4	Pos-Line	ne	0	Pos-Dial Number	63/18		
Pos-Year		Pos-Mont	ay	23/2				
Pos-Hour	25/2	Pos-Minu	second	29/2	Pos-AM/PM	0		
Pos-Duration.H	35/2	Pos-Duration	uration.S	39/2				
Pos-Incoming Code	5/1	Incoming Code	assword	107/8				
Pos-Inter line	5/1	Interline	CallDialPos					
Pos-NoAnswer		NoAnswer Code	aller ID		Extension Group			
Pos-Transfer Ext.		Transfer	transfer					

## Real-time Online Monitor by Web Browser

User can login the RS100 by Internet browser to see how many lines are talking, and click to listen real time conversation on the phone call.

### Status & Listen

1  IN 0922123456 15:12:59 0h 03m 38s	2  Total:0 call 0h 00m 00s Idle 101h 36m 48s	3  Total:0 call 0h 00m 00s Idle 101h 36m 48s
9  Total:0 call 0h 00m 00s Idle 101h 36m 48s	10  Total:0 call 0h 00m 00s Idle 101h 36m 48s	11  Total:0 call 0h 00m 00s Idle 101h 36m 48s

## Energy-Saving

Telephone recording system is usually 24 hours a day, seven days a week operation never shut down. Therefore, low-power becomes a very important consideration. Compare to other PC base recording system, Yoda RS100 series at full loading only requires 12VDC/2A external power adaptor. It is with great saving at least 80% of the energy.

## Web Administrator User Interface

More than one administrators and users can use any Internet browser of PC, MAC,

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NB, PAD Smart phone to configure RS100 server and access recorded files simultaneously. It is more compatibility and maximum convenience rather than installs any client software.

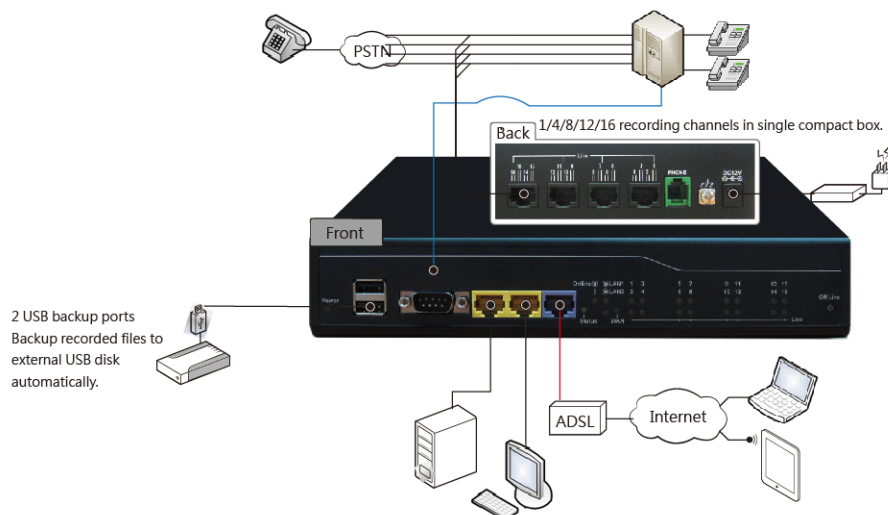
The RS100 server provides users the freedom to monitor and operate the system from Internet or Intranet browser. The server also keeps the access log for records.

User=michael		
Time	Act	Remark
2012-05-15 15:50:04	Add Department	Customer Service
2012-05-15 15:48:20	Add Department	Sales
2012-05-15 15:47:45	Add Department	Financil
2012-05-15 14:24:10		124022
2012-05-15 14:13:49	User save Wav	124020
2012-05-15 14:13:08	Save Wav	124020,124021
2012-05-15 14:06:38		124020

### Ordering Information:

Model	Specification	Record channels	Internal Storage
RS104-8G	1WAN, 2LAN	4	Flash disk 8G
RS108-8G	2 USB, 1 RS-232	8	Flash disk 8G
RS112-16G	240*163*53mm	12	Flash disk 16G
RS116-32G		16	Flash disk 32G
RS104M-500G	1WAN, 2LAN	4	SATA HDD 500G
RS108M-1TB	2 USB, 1 RS-232	8	SATA HDD 1TB
RS112M-2TB	433*161*45mm	12	SATA HDD 2TB
RS116M-3TB		16	SATA HDD 3TB

### Application Diagram



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