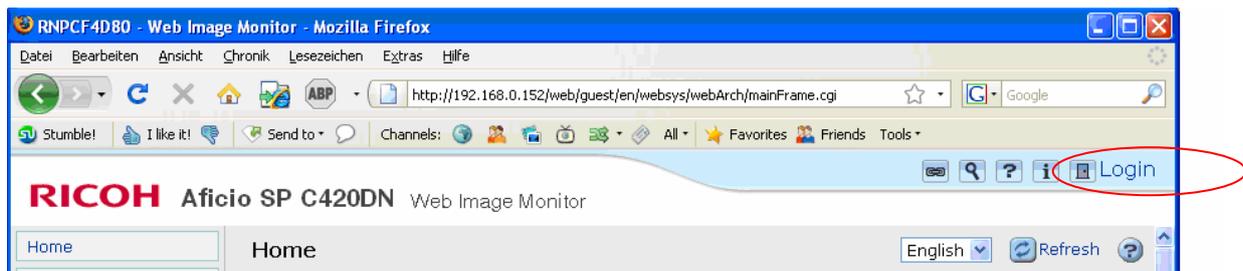


How to install IBS on a SP C420DN with SD Card

Plug any standard SD card into the left slot at the rear of the printer. Just looking to the printers back side.

Looking from the front over the printer, it is the right slot.

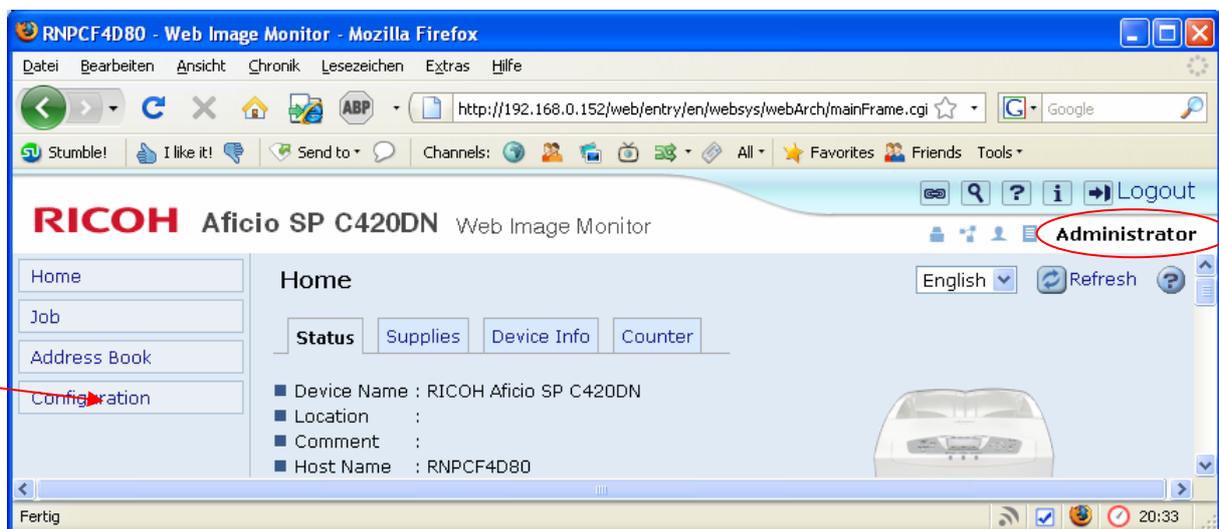
Then turn the printer on, start your internet browser and type in the IP Address of the printer



Click on Login

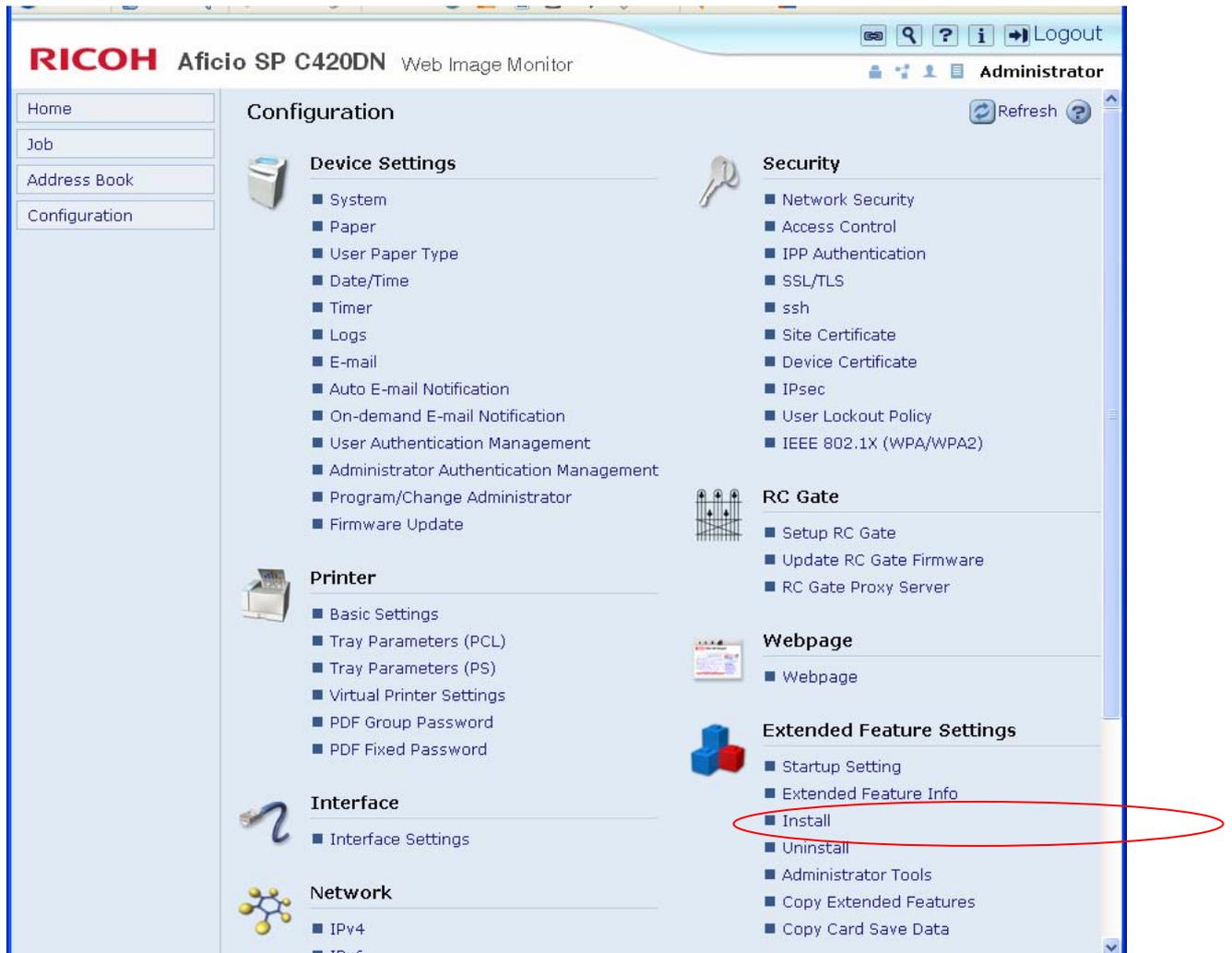
Login User Name :
Login Password :

The usual User Name is Admin, no password needed, then click on the button: Login



Now you are logged in as administrator, see top right. Click on the Configuration button

How to install IBS on a SP C420DN with SD Card



RICOH Aficio SP C420DN Web Image Monitor

Administrator

Home
Job
Address Book
Configuration

Configuration

Device Settings

- System
- Paper
- User Paper Type
- Date/Time
- Timer
- Logs
- E-mail
- Auto E-mail Notification
- On-demand E-mail Notification
- User Authentication Management
- Administrator Authentication Management
- Program/Change Administrator
- Firmware Update

Printer

- Basic Settings
- Tray Parameters (PCL)
- Tray Parameters (PS)
- Virtual Printer Settings
- PDF Group Password
- PDF Fixed Password

Interface

- Interface Settings

Network

- IPv4

Security

- Network Security
- Access Control
- IPP Authentication
- SSL/TLS
- ssh
- Site Certificate
- Device Certificate
- IPsec
- User Lockout Policy
- IEEE 802.1X (WPA/WPA2)

RC Gate

- Setup RC Gate
- Update RC Gate Firmware
- RC Gate Proxy Server

Webpage

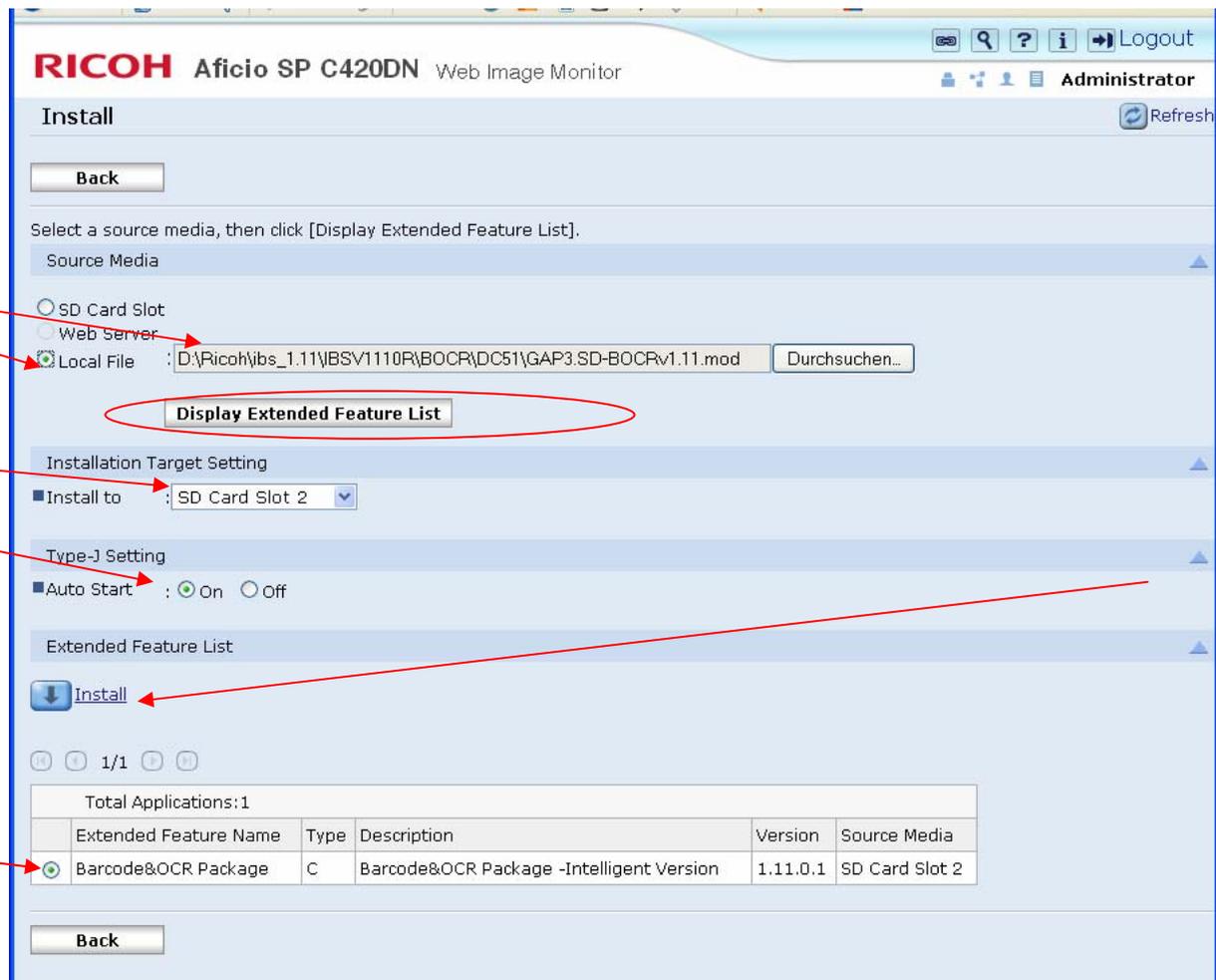
- Webpage

Extended Feature Settings

- Startup Setting
- Extended Feature Info
- Install**
- Uninstall
- Administrator Tools
- Copy Extended Features
- Copy Card Save Data

Click in the Extended Feature Settings on install. If the link Is not available you are NOT logged in as admin!

How to install IBS on a SP C420DN with SD Card



RICOH Aficio SP C420DN Web Image Monitor

Administrator

Install

Back

Select a source media, then click [Display Extended Feature List].

Source Media

SD Card Slot

Web Server

Local File : D:\Ricoh\ibs_1.11\BSV1110R\BOCR\DC51\GAP3.SD-BOCRv1.11.mod

Installation Target Setting

Install to : SD Card Slot 2

Type-J Setting

Auto Start : On Off

Extended Feature List

1/1

Total Applications: 1

Extended Feature Name	Type	Description	Version	Source Media
<input checked="" type="checkbox"/> Barcode&OCR Package	C	Barcode&OCR Package -Intelligent Version	1.11.0.1	SD Card Slot 2

Back

Click first on the “Display Extended Feature List” button

Select Local file knob, and choose the file GAP3.SD-BOCRv1.11.mode file using the Browse button in your extracted IBS folder in subdirectory BICR and there in DC51.

Check that it goes to slot 2

Auto start has to be turned ON

Mark the “Barcode&OCR Package” button at the very button.

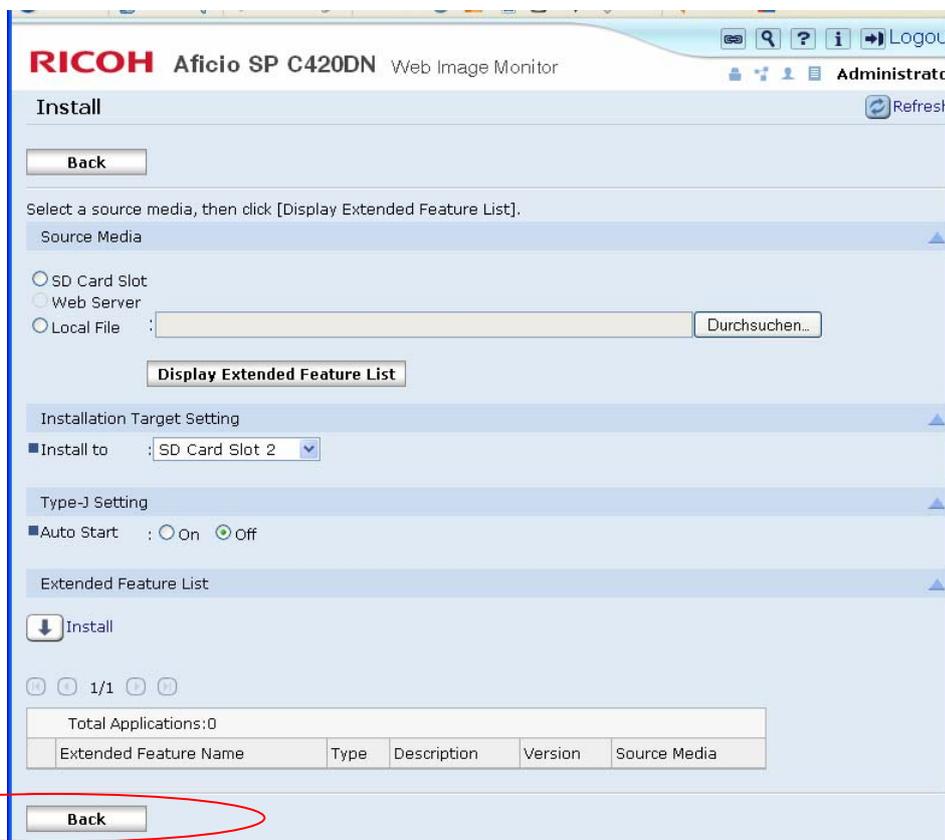
Finally hit the blue Install link

How to install IBS on a SP C420DN with SD Card



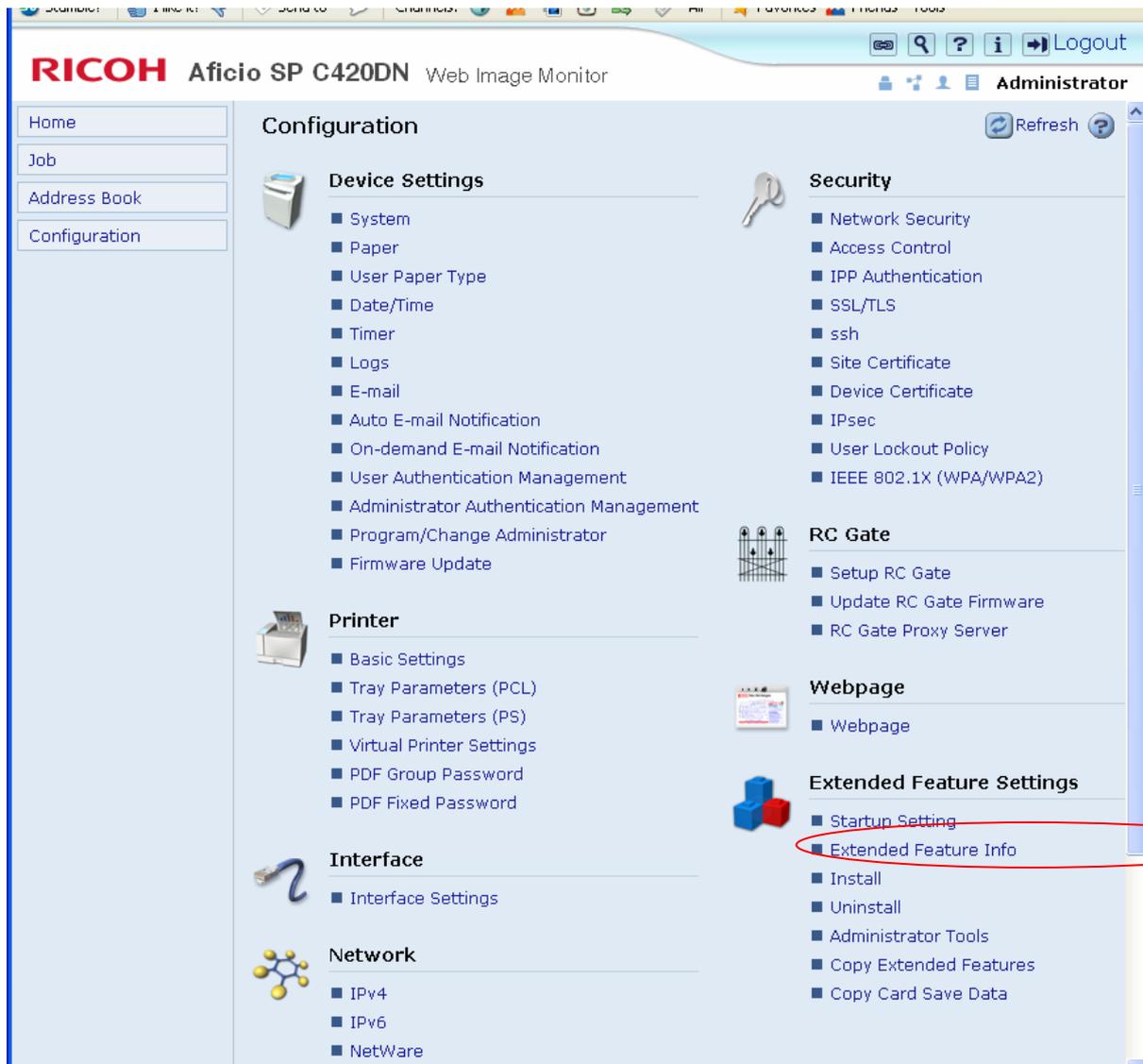
Press OK, Now the installation is done but not yet running.

The next step checks if all is installed ok.



Click on back

How to install IBS on a SP C420DN with SD Card



The screenshot shows the 'Configuration' page of the Ricoh Aficio SP C420DN Web Image Monitor. The 'Extended Feature Settings' section is expanded, and the 'Extended Feature Info' option is highlighted with a red circle.

Click on Extended Feature Info



The screenshot shows the 'Extended Feature Info' page. A table displays the installed application details:

Total Applications:1								
Extended Feature Name	Priority	Type	Status	Description	Version	Allocated to	Startup Location	
Barcode&OCR Package		C	Waiting	Barcode&OCR Package -Intelligent Version	1.11.0.1	None	SD Card Slot 2	

All is OK when Status is Waiting. Then "Reboot" the printer

How to install IBS on a SP C420DN with SD Card

Finally test the installation:

Open a DOS box and change to the directory where you did extract the IBS 1.11 zip file.

Open the testfiles folder

Use the DOS lpr command to send a test file to the printer, here to IP Address 192.1668.0.152

```
D:\Ricoh\ibs_1.11\IBSU1110R\testfiles>lpr -S 192.168.0.152 -P RAW testhocr.prn
D:\Ricoh\ibs_1.11\IBSU1110R\testfiles>
```

As a result you should get 3 pages with barcodes, certainly in demo mode

Another way is:

Open the WEB Browser again

Enter the printers IP Address

Click on configure

Click on Extended feature Info

And you should see that:

Total Applications: 1									
Extended Feature Name		Priority	Type	Status	Description	Version	Allocated to	Startup Location	
Barcode&OCR Package			C	Starting Up	Barcode&OCR Package -Intelligent Version	1.11.0.1	None	SD Card Slot 2	

How to install IBS on a SP C420DN with SD Card

If you want to download and use macros on the SD card, then you have 2 possibilities:

1. Version: Is described in the 410 white paper.
2. Version: downloading a form on the fly to the SD card: Simply use MS Word,
 - Generate a form with one page only
 - Insert a print field on the page, and type in this command Print “<<F1000;>>”
The number 1000 will be the macro number. You can use any number between 1 and 32000.
 - Print the form with a PCL 5 driver to the printerNow the form 1000 will be generated on the fly in the root directory of the SD card. The file is called 1000.mac.1000

The rest how to use it, is again described in the earlier white paper.

Best regards

Stethos Systemhaus GmbH
www: [Ricoh.stethos.com /ibs.htm](http://Ricoh.stethos.com/ibs.htm)