



## HiPath 4000

Конвергированная IP-платформа для средних  
и крупных предприятий

**B**

1998 ..

( ), Siemens, « 2006 . – »

Hicom-300/300H  
HiPath-4000.

Hicom-300H/HiPath-4000,

« »,

Hicom-300H/HiPath-4000

6

( ).

200

Siemens

Siemens

« »

**ФГУП «Калугаприбор» производит:**

4000;

Hicom-300H/HiPath-

Hicom-300H/HiPath-4000;

Hicom-300H/HiPath-4000;

( , « » ).

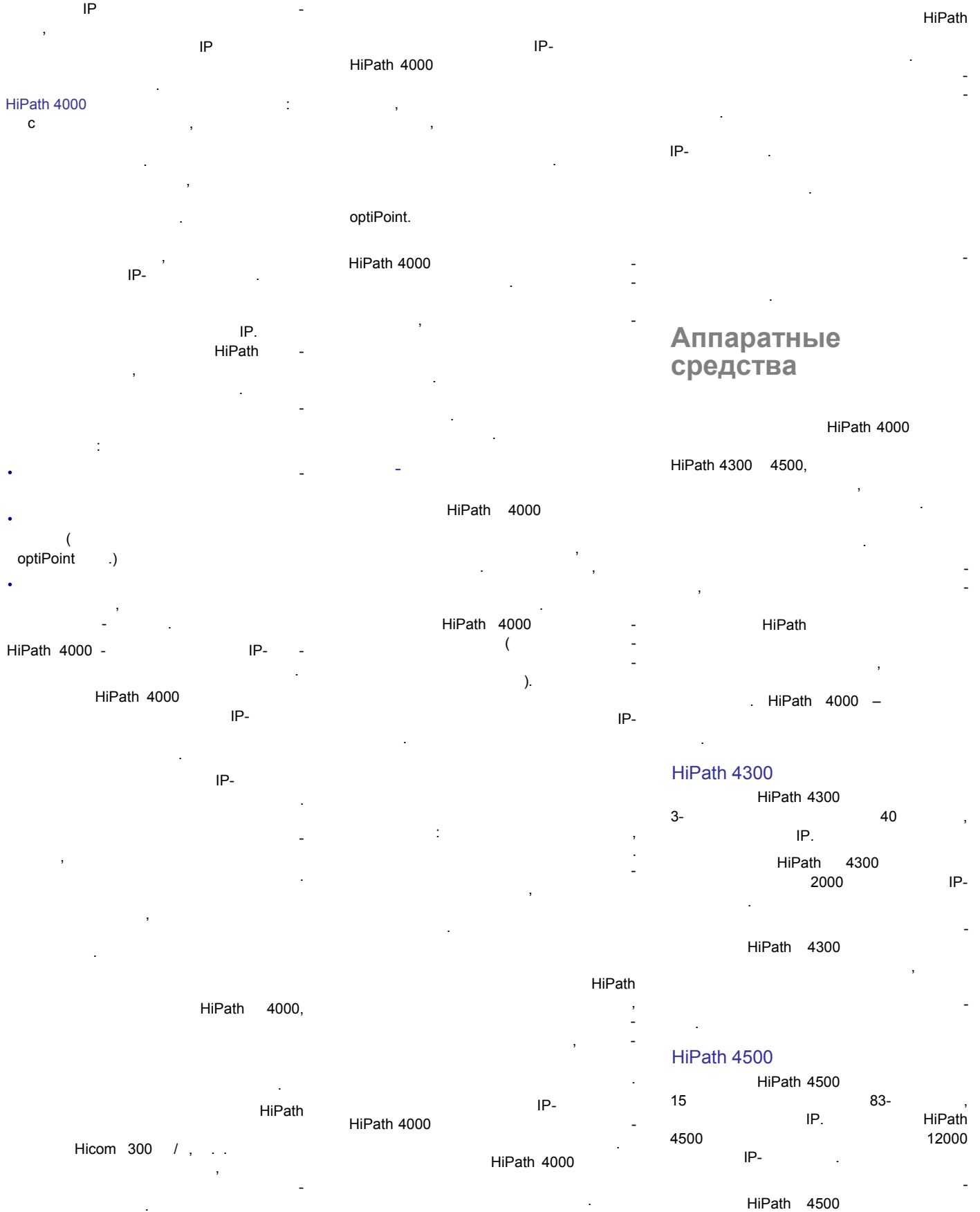
" " ( ),

Siemens

« »  
Hicom-

300H/HiPath-4000.

HiPath 4000

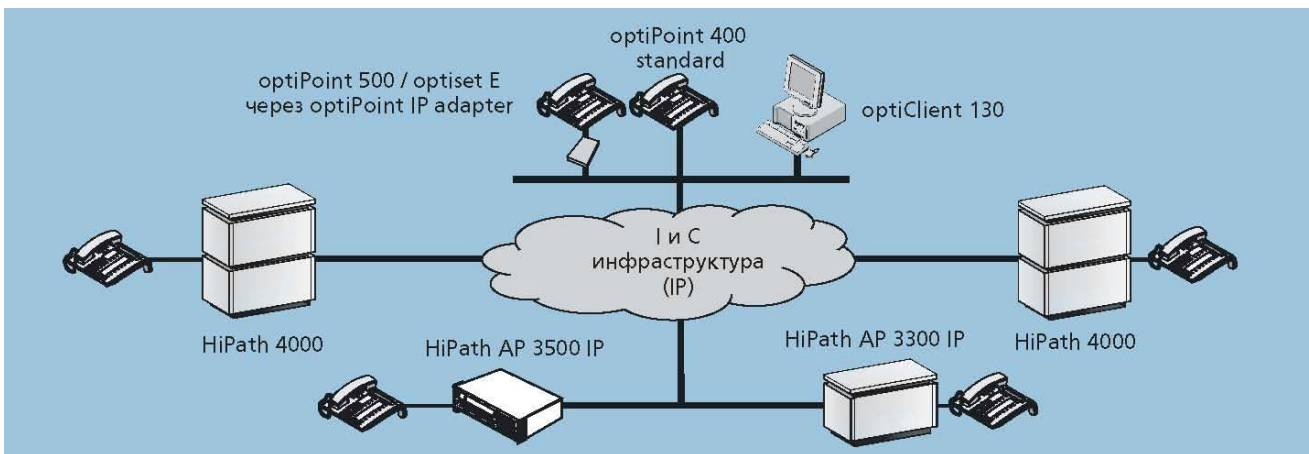


Аппаратные средства

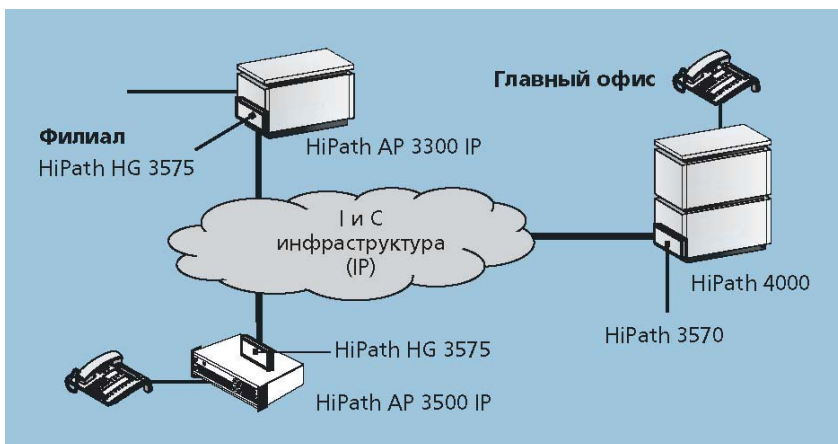
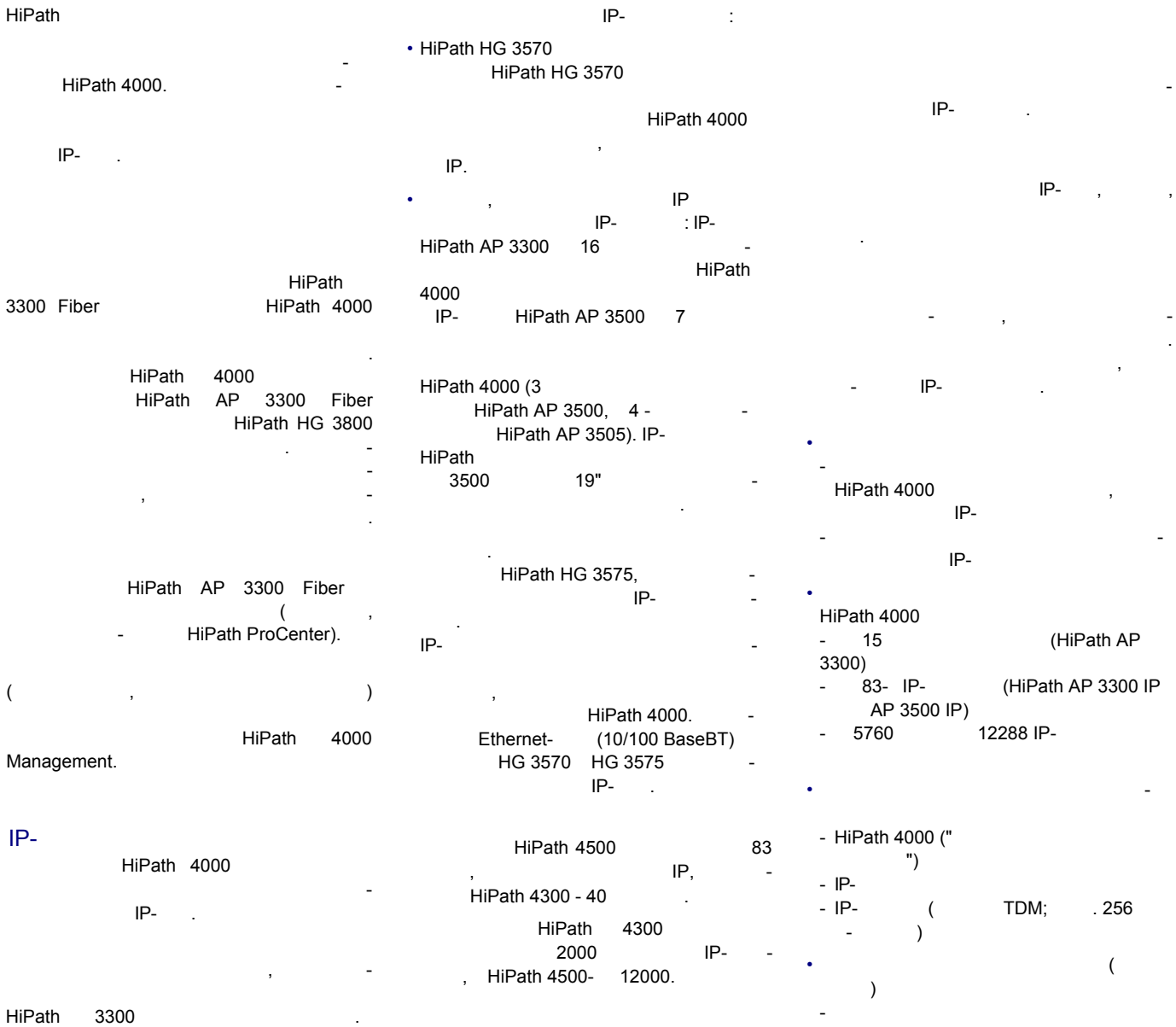


# Семейство продуктов HiPath HG 3500

ATM- STMA- 32 IP- « » IP- HiPath HG 3550  
 (PVC). PVC- 120 - IP- HiPath 4000  
 (CES). PVC- - 4000. IP- HiPath  
 HiPath 4000. (SVC). SVC- - IP- HiPath 4000  
 (SVC). SVC- - IP- HiPath HG 3550  
 ATM- CorNet NQ HiPath HG 3550  
 PVC- SVC- STMA- HiPath  
 HiPath HG 3530  
 HiPath  
 HiPath HG 3530 IP-  
 128 30 - 3840 - HiPath. HiPath HG 3550  
 128 - (PVC SVC) • IP- optiPoint 400 standard IP-  
 • optiPoint 500  
 optiset E IP- G.729A ( 8 / )  
 optiPoint (IP / U<sub>POE</sub>)  
 • optiClient 130 V2.5 - IP-  
 PVC SVC. HiPath HG 3530 IP-  
 10/1 30 IP- IP- HiPath HG 3570  
 (CDR) G.711 IP-  
 4000 Management. HiPath  
 IP- " " IP-



# Распределенная архитектура



## Системные телефоны

### optiPoint 500 Системные телефоны

#### Преимущества

- (IP- )
- 
- 
- 
- 
- 
- 
- ( )
- IP-
- 
- /
- IP-



- optiPoint 500 entry
- optiPoint 500 economy
- optiPoint 500 basic
- optiPoint 500 standard
- optiPoint 500 advance

optiPoint 500  
HiPath/Hicom.

#### Модули расширения

- optiPoint
- optiPoint



#### Адаптеры

- ( : , )
- optiPoint 500 basic, optiPoint 500 standard optiPoint 500 advance.

- optiPoint
- optiPoint
- ISDN- optiPoint
- ISDN So-

## HiPath 4000 Management

HiPath 4000 Management -

Hicom 300 E/H HiPath 4000.

HiPath.

HiPath 4000 Management

• HiPath 4000 Assistant

HiPath 4000

• HiPath 4000 Manager

### HiPath 4000 Assistant

HiPath 4000 Assistant

HiPath 4000:

- HiPath
- 

- 
- 
- (ACL)
- 

web,

HiPath 4000 Manager.

### HiPath 4000 Manager

HiPath 4000

HiPath 4000

Manager

HiPath 4000 Manager

- 
- 
- 
- 
- (SNMP)

HiPath 4000 Manager

HiPath 4000.

HiPath FM (

SNMP).

optiPoint

UP0/E-

optiPoint



AC-Win

Windows.

USB 1.1

TAPI-

CallBridge

DS-Win.

AC-Win

MQ

TU

CallBridge for Data

So-

So-

### optiPoint 400 standard

IP- optiPoint 400 standard -

IP-

HiPath 4000

HiPath HG 3530.

optiPoint 400

standard

optiPoint 500.

HiPath 4000



### optiClient 130

optiClient 130-

IP-

HiPath 4000

HiPath HG 3530.

optiPoint 500

( 3-

).

Win Management.  
HiPath Accounting

**HiPath Management**

HiPath Management

HiPath.

HiPath.

HiPath Management

HiPath

Management Products,

HiPath.

Manager

Hicom 300).

HiPath 4000 Manager

Management Applications.

- HiPath Fault Management
- HiPath Accounting Management

**HiPath Xpressions**  
**HiPath Xpressions Entry**

HiPath Xpressions Entry-

**HiPath Xpressions Standard/Advanced**

HiPath Xpressions -

HiPath ( Outlook)

SimplyPhone for Web

SMS-

WEB-

WAP-

optiPoint.

Outlook, Lotus Notes),

**Решения HiPath**

**Teleworking**

- HiPath Teleworking –

Teleworking

HiPath

( ISDN-

GSM-

HiPath 4000.

HiPath.

Teleworking:

IVR (

• " " " "

Teleworking

**HiPath Cordless**

HiPath Cordless

optiPoint 500,

( " "

(MS

Hi Path DAKS

HiPath SimplyPhone  
Web

HiPath

HiPath DAKS

HiPath SimplyPhone Web -

HiPath

HiPath SimplyPhone  
Web

30

300

(HiPath CAP)

LDAP-  
web-  
SimplyPhone.

HiPath

optiPoint 500

HiPath.

HiPath DAKS.

web-

HiPath SimplyPhone  
Outlook

HiPath 4000 Manager

HiPath SimplyPhone  
Outlook - CTI-

MS

Outlook. HiPath SimplyPhone  
MS Outlook

DS-Win  
DS-Win

Телефонные конференции по  
интернету

AC-Win  
optiPoint 500.

60

Access.

MS Outlook

DS-Win.

MS Outlook

HiPath 4000

Manager

HiPath Simply Phone  
Lotus Notes

4000 Manager,  
DS-Win

HiPath

HiPath Simply Phone Lotus  
Notes

HiPath SimplyPhone Outlook,  
Lotus Notes/ Domino.

# Системы работы с клиентом

|                              |                            |   |
|------------------------------|----------------------------|---|
| HiPath ProCenter Suite -     | HiPath ProCenter Standard  | HiPath TeamBase   |
| HiPath 4000.                 | HiPath ProCenter Standard  | HiPath TeamBase -   |
|                              |                            | HiPath TeamBase   |
|                              | HiPath ProCenter Standard  |   |
| HiPath ProCenter Suite.      |                            | HiPath Common Application Platform                        |
| web-                         |                            | HiPath 4000<br>HiPath Common Application Platform         |
|                              |                            | HiPath 4000   |
|                              | active Voice Response),    | IVR (Inter-   |
|                              | CRM- 100                   |   |
| ( . SAP R/3, Siebel, Remedy) |                            |   |
| HiPath ProCenter Entry       | HiPath ProCenter Advanced  | HiPath CAP V1.0 -   |
| HiPath ProCenter Entry -     | HiPath ProCenter Advanced  | HiPath.   |
| HiPath 4000,                 | HiPath ProCenter Standard  |   |
|                              |                            | • HiPath CAP inside ( Siemens, HiPathProCenter)           |
| Windows                      | (100                       | Siemens   |
|                              | 100 )                      | • HiPath CAP Entry CSTA I/III ASN.1 TAPI                  |
| Entry                        | • outbound callback        | • HiPath CAP Standard CSTA I/III ASN.1, TAPI CSTA III XML |
| HiPath ProCenter Standard    |                            |   |
| Advanced.                    |                            |   |
|                              | CRM- ( .                   |   |
|                              | SAP R/3, Siebel, Remedy),  |   |
|                              | HiPath ProCenter Advanced, |   |
|                              | online                     |   |

# Отраслевые приложения

## Trading / Dispatcher / Executive

- Trading

ISDN-

HiPath

## HiPath Trading

HiPath Trading - Trading.

Trading -

4

16

optiClient

Windows

ISDN.

- Dispatcher

Dispatcher

- Executive

Executive

/

CTI.

Windows.

## HiPath

### Busy Lamp Field Win

HiPath Busy Lamp Field Win-

AC-Win

HiPath

HiPath 4000.

### HiPath Hotel Advanced

HiPath Hotel Advanced -

HiPath 4000

HiPath Hotel Advanced



# Переход к Hi Path 4000

HiPath 4000  
 IP  
 HiPath 4500 (4300).  
 HiPath 4000,  
 « »  
 HiPath 4000  
 Hicom 300 /  
 Hicom 300 Hicom 300 E/H.

**HiPath 4000**  
 HDMS  
 HiPath 4000 Manager.  
 HDMS  
 HiPath 4000 Manager.  
 V.6:  
 • Hicom 300 E от V1.0 V3.0/V3.1 (310, 330, 350)  
 • Hicom 300 H V1.0 (310, 330, 350)

**Hicom 300 E/H**  
 Hicom 300 /  
 HiPath  
 HDMS  
 HiPath 4000 Manager.  
 MDF  
 Hicom 300  
 • Hicom 340, 370, 390 391,  
 • Hicom 332 392,  
 • Hicom 323 353,

**Hicom 300**  
 Hicom 300  
 Hicom 300 V3.1

## Технические характеристики

|              |    |     |       |
|--------------|----|-----|-------|
|              |    | IP- | IP-   |
| Hi Path 4300 | 3  | 40  | 2000  |
| Hi Path 4500 | 15 | 83  | 12000 |



, ( )

|                     |                    |       |
|---------------------|--------------------|-------|
| HiPath 4300 / 4500  | 515x645x773        | . 30  |
| HiPath AP 3300      | 515x645x773        | . 30  |
| HiPath 4000<br>3300 | 515x1845x773       | . 180 |
| HiPath AP 3500/3505 | 420x133x444 (3 HE) | . 11  |
|                     | 515x645x773        | . 80  |
|                     | 51x645x773         | . 80  |

|     |           |
|-----|-----------|
| ( ) | +5 ° 40 ° |
| ,   | 85%       |

|  |            |
|--|------------|
|  | 230 , ±10% |
|  | 380 , ±10% |

( ) 48-

# Технические характеристики

## Каналы связи

- S<sub>0</sub> ( )  
4- ISDN-
- 2  
64 /
- 1 16 /
- - 144 /
- ETSI-ISDN (DSS1)
- S<sub>2</sub> ( )  
4- ISDN-
- 30  
64 /
- 1 16 /
- - 2048 /
- ETSI-ISDN (DSS1)
- DPNSS1 CDG V6.0
- 
- 
- TCP/IP
- 
- FTP
- web- HTTP
- V.24 /
- Ethernet -

- S<sub>0</sub>/ S<sub>2</sub>
- 
- : CorNet N, CorNet NQ, QSIG, PSS1
- 
- & , MFC ( DPNSS1 CDG)
- CAS-
- ATM 155 / (STM-1/STS-3)
- 
- : CES (Circuit Emulation Service), CorNet NQ, QSIG
- IP Ethernet HiPath HG 3550 10/100 Base BT; G.711 G.729A, B CorNet NQ

- 2- optiPoint 500 -
- IP Ethernet HiPath HG 3530 10/100 Base BT; G.711
- S<sub>0</sub>/S<sub>0</sub> S<sub>0</sub>-
- ISDN- , ISDN- ( , ISDN- 4) S<sub>0</sub>- 8 ISDN-
- a/b
- Gigaset), - (euroset,
- U<sub>2B1Q</sub> -

## Словарь специальных аббревиатур

|               |  |
|---------------|--|
| <b>ATM</b>    | Asynchronous Transfer Mode                   |
| <b>CTI</b>    | Computer Telephony Integration               |
| <b>DAKS</b>   | Digital Alarm and Communication Server       |
| <b>DS</b>     | Directory Service                            |
| <b>DPNSS1</b> | Digital Private Network Signaling System 1   |
| <b>HDMS</b>   | Hicom Domain Management Service              |
| <b>LCR</b>    | Least Cost Routing                           |
| <b>LDAP</b>   | Lightweight Directory Access Protocol        |
| <b>PVC</b>    | Permanent Virtual Connection                 |
| <b>SVC</b>    | Switched Virtual Connection                  |
| <b>TAPI</b>   | Telephony Applications Programming Interface |
| <b>VPN</b>    | Virtual Private Network                      |
| <b>WAN</b>    | Wide Area Network                            |