DB-CMTS8400 is designed by DIBSYS for high-density access switching integrated platform which combine multi-service and high-density 10G switching requirement. As the new generation of smart equipment for the telecommunications integrated access network, DB-CMTS8400 has unique half slot service card, distributed service processing architecture and high performance based on 64 bit multi-core processor and AISC. It providing IPv4/IPv6 service line speed forwarding capability, service performance and operation level security features unmatched. Its high reliability, scalability, and strong service ability can meet the construction of a variety of network core layer request.

Main Application

1. 7RU ultra compact chassis, semi high-density line card slot
2. 1+1 master redundancy, 1+1 power redundancy
3.Hot plug fan box, intelligent speed and temperature control
4.A total of 12 slots, 8 Service card slot, 2 master switch, 20000 trillion on the exchange channel
5.provide 8 million mouth at the same time MAX
6. 960Gbps ultra wide backplane
7.Forwarding and control of double plane network, fully distributed business processing
8.full load power consumption less than 450W

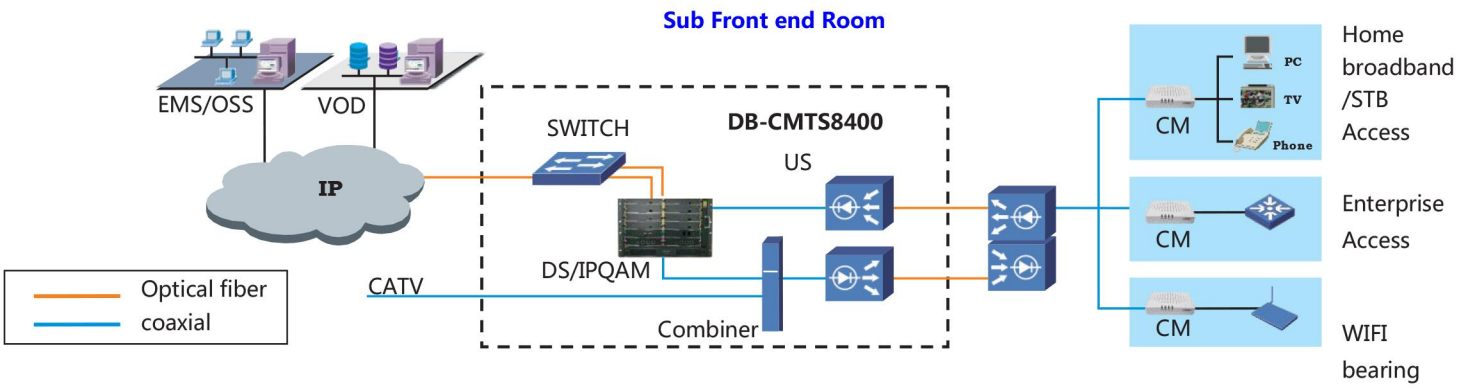


Parameter	
backplane bandwidth	>960Gbps
exchange capacity	160Gbps
Packet forwarding rate(IPv4/IPv6)	238Mpps

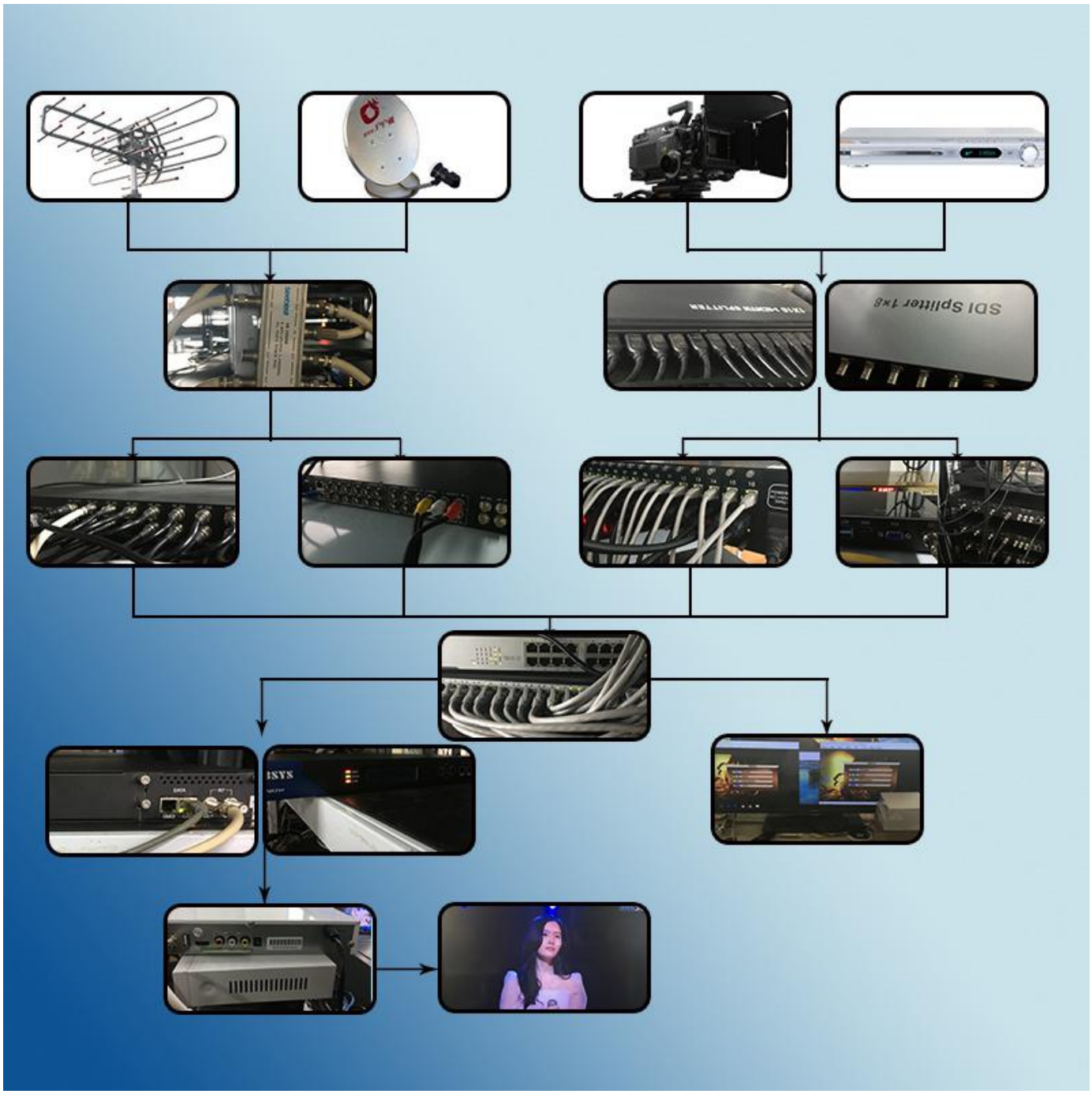
Total slot number	12
Main control board slot	2 master control slots (halfwidth), Each of the main control board provides 2 Gigabit port, 1 Console ports, 1 USB ports, 1+1 backup, hot swap;
Uplink switch slot	2 Uplink switch slot (halfwidth), Each exchange board provides 4 Gigabit SFP+ interface, support hot plug;
CMC Service card slot	8 CMC Service card slot(halfwidth), Each CMC Service card provides 1 uplink, 1 downstream RF interface, support hot plug;
Redundant design	1+1 master redundancy, 1+1 power redundancy
Power Supply	AC: input 90 ~ 264V, 50 ~ 60Hz; DC: input -36V ~ -72V
Full load power	≤450W
Overall dimensions (w * h * d)	440mm×309mm×375mm
Chassis weight	≤35kg
Environmental	Operating temperature: 0° C ~ 45° C Relative humidity: 5%RH ~ 95%RH, Non Gel Storage temperature: -40° C ~ +70° C Storage relative humidity: 5%RH ~ 95%RH, Non Gel
Service characteristics	
parameter	C-DOCSIS Access characteristics
Downlink channel specification	
QAM Modulation standard	Annex A, B, C
QAM modulation mode	64QAM, 256QAM, 1024 QAM

Single channel rate	36M@64QAM
	51M@256QAM
Storage temperature Power Consumption Dimensions	-25~70℃ 75W 483mm x 44.5mm x 400mm
Number of downstream channels	16
Maximum downlink speed	800Mbps
working frequency	87Mhz - 1002Mhz
Channel bandwidth	8Mhz
Power step adjustment	0.5db
Balanced MER	42db
Out of band noise	<-20dbmv
Uplink channel specification	
Number of uplink channels	4
Uplink modulation	QPSK, 16QAM, 32QAM, 64QAM
Single channel arrival rate	0.32Mbps - 40Mbps
Maximum uplink rate	160Mbps
Input frequency range	5Mhz - 65Mhz
Input level range	-13dbmv – 23dbmv

RF output specification	
Upstream Interface	F type, 75Ω, m/mil
Upstream quantity	8
Downstream Interface	F type, 75Ω, m/mil
Downstream quantity	8
Management port specification	
RS232 serial port	support
Command line interface(CLI)	support
Telnet or SSH	support
SNMPv1, v2, v3	support
DOCSIS MIBs	support



Testing


SDI Splitter 1×8

Certifications



Certificate of Compliance

Certificate NO. : SHBST2014022804YEC-1

Applicant : HANGZHOU DIBSYS TECHNOLOGIES CO., LTD
13F, No.102 Xueyuan Road, Hangzhou, China
Manufacturer : HANGZHOU DIBSYS TECHNOLOGIES CO., LTD
13F, No.102 Xueyuan Road, Hangzhou, China
Product Name : ENCODER
Trade Name : DIBSYS
Main Test Model : ENC3381
Additional Model : ENC3084, ENC3184, ENC3341, ENC3441, ENC3580, ENC3311, EMH6210, EMH6410, EMH3410

Test Standard : EN 55022:2010
EN 61000-3-2:2006+A1:2009+A2:2009
EN 61000-3-3:2008
EN 55024:2010

As shown in the Test Report No. : SHBST2014022804YER-1.

The EUT described above has been tested by us with the listed standards and found in compliance with the council EMC directive 2004/108/EC. It is possible to use CE marking to demonstrate the compliance with this EMC Directive.
The certificate applies to the tested sample above mentioned only and shall not imply an assessment of the whole production.

CE

Christina
Manager
Mar. 05, 2014

Shenzhen BST Technology Co.,Ltd.
Add: Building No.23-24, Zhiheng Industrial Park, Guankouer Road, Nantou,Nanshan District,Shenzhen,Guangdong, China. Certificate Search: http://www.bst-lab.com. Tel:400-882-9628, 8009990305, E-mail:christina@bst-lab.com



Certificate of Compliance

Certificate NO. : SHBST2014022805YRC-4

Applicant : HANGZHOU DIBSYS TECHNOLOGIES CO., LTD
13F, No.102 Xueyuan Road, Hangzhou, China
Manufacturer : HANGZHOU DIBSYS TECHNOLOGIES CO., LTD
13F, No.102 Xueyuan Road, Hangzhou, China
Product Name : INTEGRATE RECEIVER DECODER
Trade Name : DIBSYS
Main Test Model : IRD1215S
Additional Model : IRD1218M, IRD1340, IRD1301, IRD1302, IRD1303, IPQ6850, EMI6400, QPSK6350, Mod6400

Test Standard : EPA3050B:1996. EN1122B:2001. EPA3052:1996.
EPA3060A:1996. EPA7196A:1992. EPA3540C:1996.
EPA8270D:2007. IEC62321:2008

As shown in the Test Report No. : SHBST2014022805YRR-4.

The EUT described above has been consolidated by us and found in compliance with the council RoHS directive—2011/65/EU.

RoHS

Christina
Manager
Mar. 05, 2014

Shenzhen BST Technology Co.,Ltd.
Add: Building No.23-24, Zhiheng Industrial Park, Guankouer Road, Nantou,Nanshan District,Shenzhen,Guangdong, China. Certificate Search: http://www.bst-lab.com. Tel:400-882-9628, 8009990305, E-mail:christina@bst-lab.com



Certificate of Compliance

Certificate NO. : SHBST2014022804YRC-4

Applicant : HANGZHOU DIBSYS TECHNOLOGIES CO., LTD
13F, No.102 Xueyuan Road, Hangzhou, China
Manufacturer : HANGZHOU DIBSYS TECHNOLOGIES CO., LTD
13F, No.102 Xueyuan Road, Hangzhou, China
Product Name : ENCODER
Trade Name : DIBSYS
Main Test Model : ENC3381
Additional Model : ENC3084, ENC3184, ENC3341, ENC3441, ENC3580, ENC3311, EMH6210, EMH6410, EMH3410

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RoHS

Christina
Manager
Mar. 05, 2014

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Packing&Delivery





FAQ

Feedback

- All products are 100% original NEW and well tested before shipment.
- If you are satisfied with our products and service, please do help to give us a positive feedback.
- If any problem is found with the item, just contact us immediately. Our professional Tec hnical Team will help you solve all the problems

in time and not delay your work.

Warranty&Guarantee

● If any item is defected due to transportation please notify Seller within **Three days** after r eceived of the shipment. Please supply Seller

the details required to contact Seller forwarder for damage and insurance claim. Seller will cross ship a replacement to fast address the

problem.

● If any item is defected within **Thirty days** after received, The Seller will pay for all the fe es to cross ship a replacement with all fees paid.

If the product is not defected, Buyer shall pay all the fees.

● If the item is defective within **One year**, The Buyer can send product back to Seller for r epairing, The Seller will repair it FREE and

afford the shipping fee which Seller send to Buyer, and the Buyer shall pay for the returne d shipping cost which Buyer send to Seller.

(Please note: if the defective reason is not product quality or caused by the Buyer, all the fee will be borne by Buyer.)

● If the item is defective within **ONE to Three years**, The Buyer can send product back to Seller for repairing, The Seller will repair it. The Buyer pay for round-trip shipping cost an d exta fee. (Please note: if the defective reason is not product quality, all the fee will be b orne by Buyer)

●If the item is defective within **Three to Five years**,The Buyer can send product back to Seller for repairing, The Buyer will afford all the

fee including round-trip shipping cost and the maintenance costs.

Custom&Tax

- The order will be declared as real value, if special requirement, pls contact sales for m ore details

- Maybe order will incur additional import duties, taxes or other customs related fees.
- The possible import duty, tax or customs fees will be collected by the shipping company upon delivery.
- Suppliers are not responsible for the delays caused by the customs in your country.

Shipment

- Shipment will be made in time, usually 7 working days. Before delivery, our staff will contact you for confirmation of the commercial

invoice.We will offer you the tracking NO. After shipment.

- DHL, FedEx, UPS, is the normal express way, if you want to ship by other forwarder, please leave message or contact us via e-mail,

online talking tools.