

Cisco STB 5844 Introduction

Generic Model Number	5844
Key features	Non-DVR, BCM 33843 16X4 D-3, BCM 7430 Video SOC at 3k DMIPs, 2GB RAM DDR3, 512 MB Flash, Pwr Button - 2 LED-4 digit display, Dual IR, Cisco CableCard
Configuration and sellability	
Model Number	5844
PID	CAV5844HDC-US-K9
STARS Release Level	74-101626-01
Operating System S/W	Linux
Middleware Type	RP - Axiom
CA and/or DRM used (possibly both)	Powerkey
Software Version (Bootloader)	TBD
Chassis, Front panel and Rear panel Overlay	
Top Cover Color	Black Matte
Chassis Color	Black Matte
Front panel Color	Black Gloss
Front panel display type	LED, 2x; 4-digit Green Clock/Channel Display
Discrete LEDs	Home Network LED (Green), SW configurable; 4-digit 7-segment Clock/Channel Display (Green)
Front panel Key buttons	Power w/Standby Icon and Backlit Power LED
Logo Label on Product	White Text, Explorer 5844HDC, Cisco Logo
Other markings on the product's Front Panel	White text, Home Network, Explorer® 5844HDC
Rear Panel Overlay	White text on Chassis material; Connector Descriptions: Cable IN, HDMI, Video, L, R, IR In, ENET, USB 2.0, Power +AC IN
Chassis / housing Type	Plastic
Set-top dimensions	315x188x55 mm
Housing design Style	CISCO 8th Gen STB ID
Basic Hardware	
Processor Type and Rev	BCM7430AP
Security mode: DEV or PRODUCTION	Production
Modem Type	DOCSIS 3.0
Modem Vendor Info	BCM33843
Memory	
DRAM system + video size	2GB, DDR3
App Flash size and Type (NAND or NOR)	512 MB Flash NAND
Boot Flash size and Type (NAND or NOR)	8MB NOR for BCM33843 (DOCSIS); 4MB NOR for BCM7430 (STB)
DRAM - DOCSIS	128MB, DDR3 x16
Tuners and Inputs / Outputs	
Composite video Output	Yes = 1 (Rear)
Analog L/R RCA Outputs	Yes = 1 (Rear)

HDMI Port	Yes = 1 (Rear), 1.4
Cable Tuners	Video Tuners from BCM33843 – up to 6x Video QAMs, QAM64/256, 6MHz Spacing, In-band 54 MHz to 1002 MHz, -15 dBmV to +15 dBmV DOCSIS Downstream - 16x 54 MHz to 1002 MHz DOCSIS Upstream – 4x 5 MHz to 42 MHz
USB Port	Yes = 1 (Rear)
e-SATA Port	No
Ethernet Port	Yes = 1 (Rear), 10/100 - no lights
10/100 Ethernet Switch	No
IR Extender Port	Yes
RF Input	Yes - Type F
CableCARD	Yes
Cabling	
Power Cord	Yes - 1.5m, 2 Prong
Home Network Interface	
MoCA	Yes - 2.0
Remote Control	
IR Remote Support (protocol, frequency)	SA/Cisco - 56 kHz Motorola Protocol & XMP - 38KHz
RF Remote Support	Yes, RF4CE
Documentation	
Quickstart Guide	No
Connection/Installation Manual	No
Setup/User Guide	No
Musicam	Yes
MP3	Yes
AAC-HE (and LC)	Yes
Dolby AC3	No
Dolby Digital Plus (incl. Dolby AC3)	Yes
Dolby Volume	Yes
Macrovision	Yes
HDMI/HDCP	Yes
DLNA	Yes
OCAP	Yes
itaas	Yes