



**A wonderful quality that you wanted is here.**

Provision of movie contents via broadband is still growing.  
We provide its core technology products.

## Target service / offering various services

- / IP retransmission terrestrial digital broadcasting service
- / IP Multi channel broadcasting service
- / Video on demand service
- / Karaoke service
- / Broadcasters' archived content service

## Major feature

- / Supports 1080i Full High Definition (ITU-T H.264, MPEG2)
- / Supports IPv4, IPv6
- / Supports IP retransmission of ISDB-T (Integrated Service Digital Broadcasting-Terrestrial) and receiving ARIB data broadcasting
- / Supports IPTV forum Japan standard' s DRM (Marlin)
- / Supports standard AL-FEC (ProMPEG+Raptor Hybrid, ITU-T H.701)
- / Supports standard LIME (ITU-T H.762) / HTML5 middleware
- / Fast ECG with MetaData (TV-anytime, ITU-T H.750)
- / IPTV standard Terminal Device (Basic Model) (ITU-T H.721 and IPTV Forum Japan )
- / HDMI output available (supports HDCP)
- / Stable performance by Real time OS and Meta DB engine
- / StreamCruiser Middleware provides Time-to-Market service implementation
- / Update FirmWare by reliable STB management server (STManager®)
- / Space-saving design (able to put vertically or horizontally)
- / Supports Service provider discovery and Service discovery (ITU-T H.770)
- / Supports Hardware Extensibility (Peripherals connection by USB , i.e USB-HDD Recording function)



※we reserve the right to change specifications, designs and other information in this catalog without prior notice

# Specification

## System Main Device

The following are ST1700 Series information

No	Component	Detail
1	CPU	MIPS 32bit, 400MHz Dual-core
2	Media decoder	H.264 / MPEG2 Full HD (~ 1080i)
3	Flash ROM	64Mbyte
4	DDR2-SDRAM	512Mbyte

## Operational Environment

A typical example for specification

No	General specification	Specification
1	Operating Temperature	0 ~ 40°C (5% ~ 85% RH, no condensation)
2	Dimensions	200mm(W) × 39.5mm(H) × 160mm(D) (w/o vertical stand and projection)
3	Weight	Approx 500g
4	Power consumption	Approx 9W

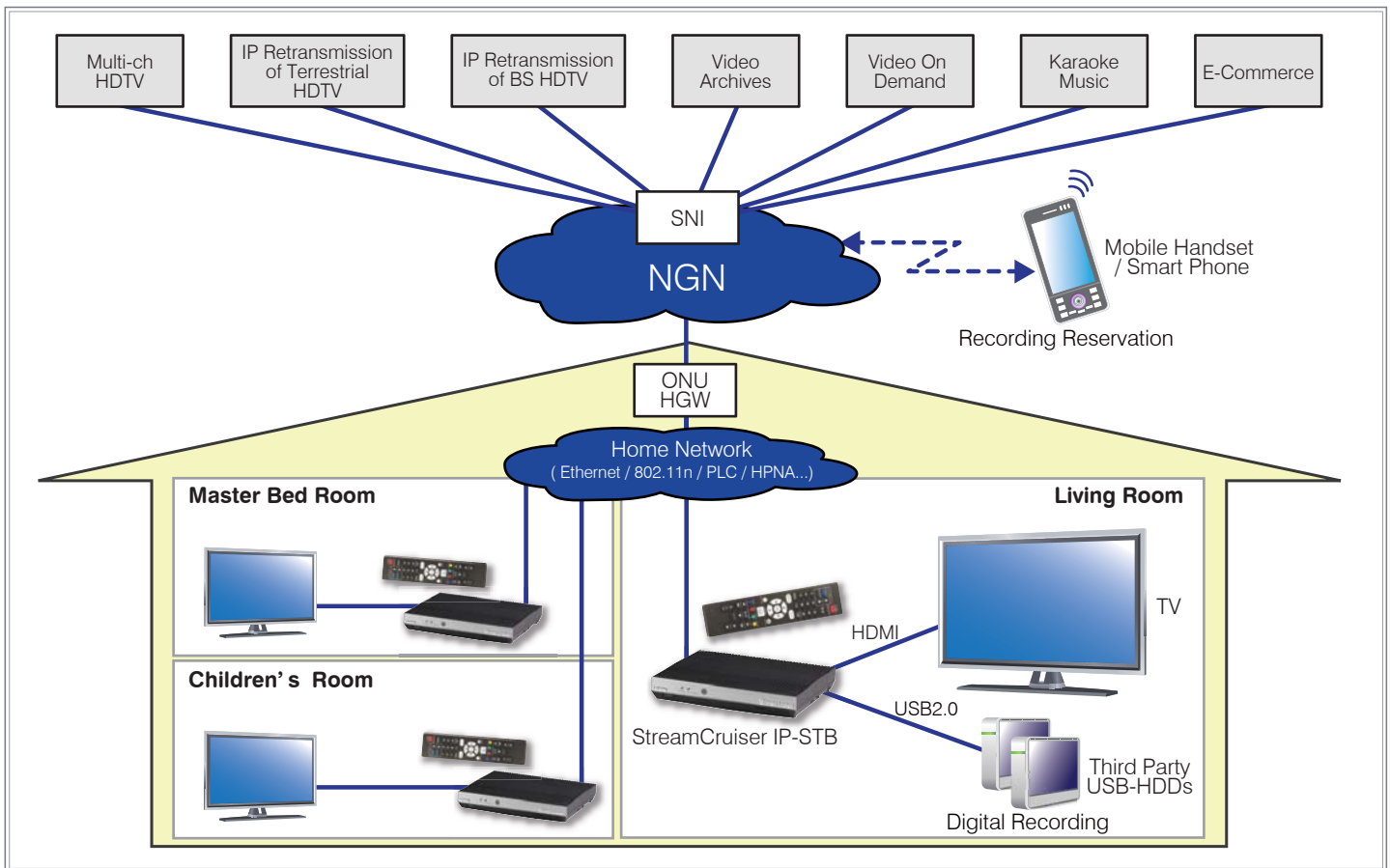
## Interface

A typical example for specification

No	Input/Output	Design	Description
1	Power source	AC / DC adapter	Adapter bundle : DC12V • 2A
2	Switch	Push-button type	
3	Ethernet	RJ-45	10 / 100Base-TX Ethernet
4	USB	host A type ×2	USB2.0
5	Video out	RCA	composite signal
		S-Video outputs	Y/C signal (S2)
		D connector	component video signal (D4)
		HDMI	HDMI (HDCP)
6	Audio out	RCA × 2	analog audio
		S / PDIF	optical digital audio
7	Remote controller	IR receiver	for bundle IR remote controller
8	LED	LED ×2	3 color LED

※Please contact us for the custom development.

# A Typical IPTV Service Image with using StreamCruiser® ITU-T H.721 IP-STB



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