

K 16-Tuner DVB to IP Gateway

ADVANCED IPTV MODEL

- ✓ **16 RF tuner inputs**
- ✓ **Dynamic PMT + EPG**
- ✓ **128 SPTS: 64 + 64**
- ✓ **No MPTS IP output**



BLANKOM IGS-900 family illustration. Supplied panel layout and labelling depend on model and revision.

Advanced service handling for professional IPTV

The **BLANKOM IGS-900A** combines **16 DVB-S/S2/S2X tuners** with Dynamic PMT and EPG/EIT demultiplexing for managed IPTV networks. Selected services are delivered as up to **128 SPTS** through two Gigabit Ethernet DATA ports. The IP output is SPTS only; **MPTS IP output is not supported**.

IGS-900A: DYNAMIC PMT + EPG DEMULTIPLEXING

Dynamic PMT: Tracks changes in the incoming Programme Map Table, supporting services whose component or PID assignments change.

EPG demultiplexing: Extracts relevant EIT programme-guide information and carries it with the selected SPTS for compatible IPTV receivers.

128 SPTS total: 64 per DATA port. MPTS IP output: NOT SUPPORTED.

Key Features

- ✓ **16 RF tuner inputs.** DVB-S/S2/S2X satellite reception with RF loop-through outputs.
- ✓ **BISS descrambling.** Embedded Mode 1 / Mode E; no CI/CAM slots.
- ✓ **SPTS processing.** PID filtering/remapping, PCR adjustment, PSI/SI rebuilding and EIT/AIT carriage.
- ✓ **USB TS functions.** Recording, playback and TS-file information-channel insertion.

Applications & Operation

- ✓ **Linear IPTV.** Hotel, hospital, campus and residential television networks.
- ✓ **Headend integration.** Selected services for compatible receivers, middleware or downstream processing.
- ✓ **Web management.** Browser-based configuration and firmware updates.
- ✓ **Power configuration.** Single PSU as standard. Optional redundant PSU - please enquire.

Tuner count is not programme count. Available services and usable capacity depend on source content, aggregate bitrate and the supplied hardware/firmware.

Technical Specifications

RECEPTION & SOURCES

RF tuner inputs	16 satellite tuner inputs; RF loop-through outputs
Reception standard	DVB-S / DVB-S2 / DVB-S2X
Satellite IF	950-2150 MHz; -65 to -25 dBm
Input bitrate	Up to 125 Mbps per tuner
ASI sources	2 ASI inputs
IP source	IP stream input; confirm the required input profile
USB source	TS recording / playback; information-channel streaming

SERVICE PROCESSING

Dynamic PMT	Supported
EPG / EIT	EIT demultiplexing and insertion into selected SPTS
AIT	AIT selection and carriage with SPTS
TS processing	PID filtering/remapping; PCR adjustment; PSI/SI rebuilding; CA / null-packet filtering
BISS	Embedded Mode 1 / Mode E
CI / CAM slots	None
Satellite multistream	No DVB-T/T2 over DVB-S2X multistream support

OUTPUT & DELIVERY

SPTS capacity	Up to 128 total
DATA port allocation	64 SPTS on DATA1 + 64 on DATA2
MPTS IP output	Not supported
IP delivery	UDP / RTP / RTSP; unicast / multicast
DATA interfaces	2 Gigabit Ethernet ports; independent IP addresses and ports
Output bitrate	Up to 850 Mbps per DATA port
ASI outputs	2; direct tuner TS or selected SPTS

MANAGEMENT & INSTALLATION

Management	Web NMS via 100Base-T; web firmware update
Rack / dimensions	19-inch, 1U; 482 × 230 × 44 mm (W × D × H)
Weight	Approx. 3.6 kg
AC supply	100-240 VAC, 50/60 Hz
Power consumption	20 W
PSU configuration	Single PSU standard; redundant PSU optional - please enquire
Temperature	0 to +45 °C operation; -20 to +80 °C storage

Ordering & Model Selection

IGS-900A - 16 × DVB-S/S2/S2X tuners; Dynamic PMT and EPG/EIT demultiplexing; up to 128 SPTS (64 + 64); **no MPTS IP output**. Single PSU as standard; optional redundant power supply.

Need MPTS IP output? Review the separate IGS-900 standard-model data sheet and confirm its supplied revision. The A model is specialised for SPTS-based IPTV, not a like-for-like replacement for every standard-model output mode.

Source scope: the A-model design described in BLANKOM IGS-900A/924A v1.4. Confirm alternative tuner standards, input profiles, simultaneous services, aggregate bitrate and receiver EPG compatibility when ordering.

Specifications are subject to change without prior notice. Confirm the supplied hardware, firmware and operating configuration.