ÜBER UNS

BLANKOM wurde in der Mitte des vergangenen Jahrhunderts im Herzen Deutschlands gegründet. Spezialisiert im Rundfunk-Antennenbau und später auf Entwicklung und Herstellung von Kopfstellen für Kabelnetzbetreiber in Europa erweitert, um die kleinen bis großen Netzbetreiber und System-Integratoren mit professionellen SAT-Receiver - Modulator - Streamern - und Encodern zu versorgen.

Der BLANKOM Markenname wurde von IRENIS 2017 übernommen und ein neues Portfolio -zusätzlich zu den bereits bei IRENIS vorhandenen Encodern und IPTV SetTopBoxen- aufgestellt.

Unter der Prämisse, daß die europäischen Kabelnetzbetreiber sich von kleineren zu Größeren wie Vodafone, UPC / Liberty Global konsolidierten, änderte BLANKOM die Zielgruppe in den Hospitality Markt um IPTV und DVB basierte Kopfstellen/Netzwerke mit Preis-sensitiven aber effektiven Produkten und Lösungen für Hotels, Hospitäler, Öl-Plattformen, Minen- und Campus- sowie Wohnanlagen und Seniorenresidenzen anzubieten.

ABOUT US

BLANKOM was founded during the middle of the last century in the heart of Germany specialised in RF Antenna manufacturing. Later on entered into the development and manufacturing of Headend's for CATV Operators in Europe serving the big players and System Integrators with professional Receiver - Modulator - Streamer & Encoder. The subsidiary BLANKOM-Digital developed the first DVB-S(2) to IP streamer.

The well-known brand was taken over by IRENIS in 2017 and starting a relaunch with a new product portfolio historically coming from IPTV STB and Encoder business.

Taken under consideration, that the bigger CATV customers consolidated in Europe to less but bigger companies like Vodafone, UPC / Liberty Global, BLANKOM changed its target to the hospitality market serving IPTV and DVB based networks with price sensitive but effective products and solutions for Hotels, Hospitals, Oil Rigs, Mining- & Campus Areas, Residential Estates, Tourist Centre's...

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Concept for the installation of a hotel/hospitality system, which we can pre-configure in a bundle and thus offer a Plug & Play set:

It consists of a 19'' multi-switch for 2 or 4 satellite positions (the SAT-dishes as well as the LNBs are not included), 1 or 2 DVB-S/S2 - receiver-streamer connected there (depending on the scope of the national and international channels to be provided = channel list) the necessary IGMP Gigabit network streaming switch and a Mikrotik router, which handles the IP addresses to the IPTV receivers (**SetTopBox** or directly **hospitality TV's** -which can really receive multicast streams!) as well as the fixed IP addresses of the streamers + the network switch(es).

The whole structure is pre-configured for an electrical or radio and television operation, so that only
- the SAT-dishes have to be installed and aligned adequately,
- an existing Gigabit network must be installed from a central location (e.g. a 19'' cabinet in the basement or the network room) to the individual rooms (and or lobby, restaurant, bar, reception, ...); or hallway Ethernet switches can be used in 100BaseT to the STBs.
- HD-TV devices need to be in the rooms with HDMI connection and 2 sockets.

The basic system with 1x 19'' Multiswitch (2U), 1x 16-transponder FTA receiver streamer (1U), 1x Mikrotik router (1U) as well as the first headend GbE network switch (1U) fits into such a 19'' cabinet (also suitable for wall mounting):

To give possible extensions the necessary space, we recommend to get a slightly larger one (the one above costs about 50,-€ at corresponding online platforms). You also have to consider some space for the cabling: Inputs of the 8 or up to 16 SAT connections are attached to the rear of the multi-switch, the outputs in front and from there the 16-slot receiver streamer must be connected with 16 SAT cables to the rear..

The Multiswitch:

Note: This is a picture of the 17-32 - the 9-32 has 8 inputs less in the back - the BMS-0932K Multiswitch can additionally 'fish' DVB-T2 out of the air via external antenna and pass it through the output coax cables.
Thus, the 19'' multi-switch already has twice as much output capacity as is necessary for the basic system and an expansion with an additional SAT receiver streamer (e.g. for decrypting PAYTV channels - if appropriate CA modules are available from the providers - with one of our other receiver streamers is thus nothing in the way..

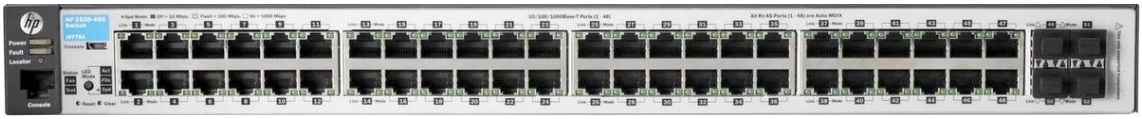
A basic question is whether it can also offers international channels to these guests of the establishment with a basic package of your native language channels (e.g.: Italians RAI1,2,3) to make them happy. Therefore it is recommended to receive at least 2 SAT positions. ASTRA 19°E is our main German language satellite and Eutelsat Hotbird 13°E provides much more international channels. A pre-set channel list of these two satellites is made by us but can be customized at any time with a web browser and access to the equipment.

The SAT-Receiver-streamer: IGS-900

The Router:

The central IPTV-Gigabit Ethernet-Switch

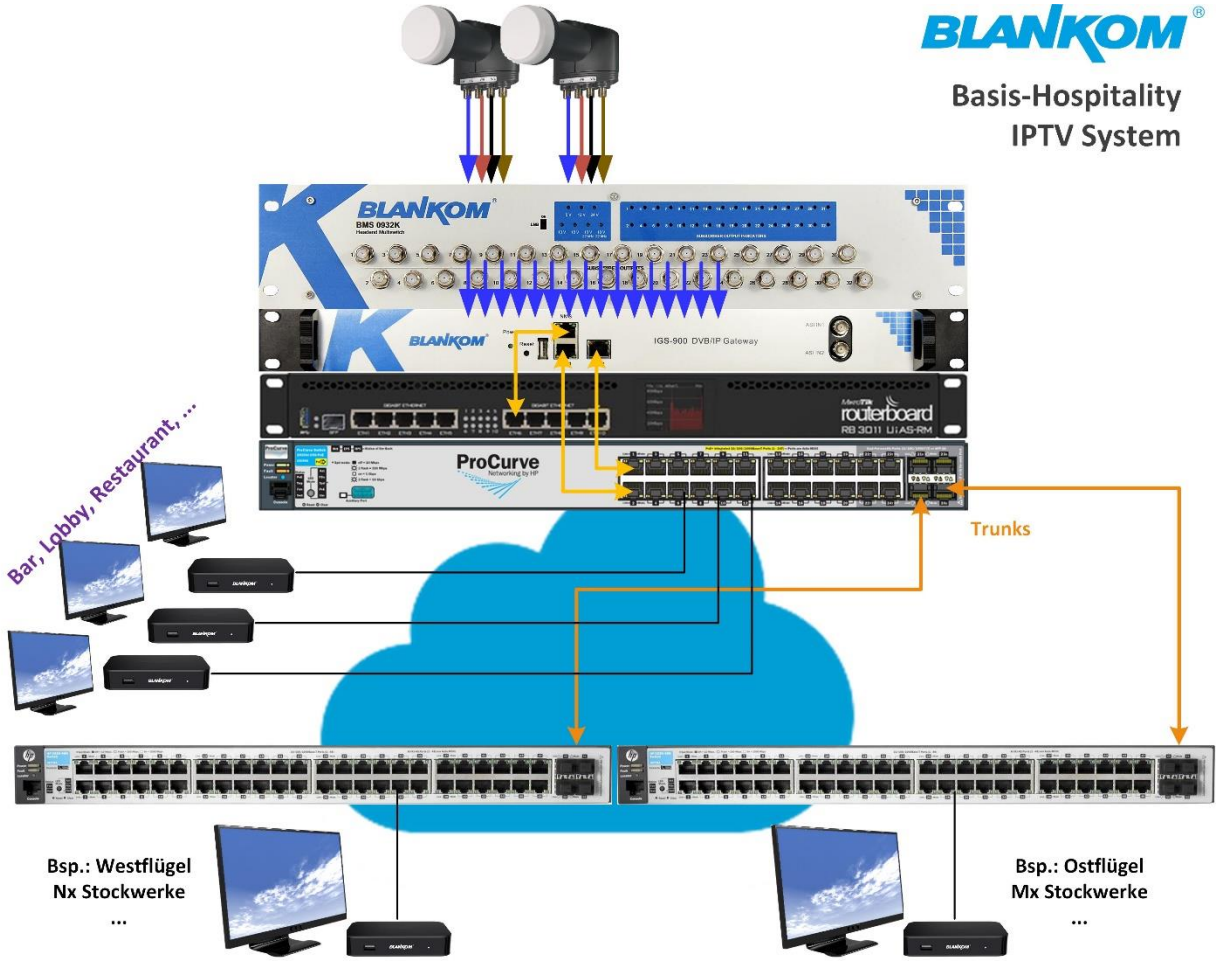
A possible –hallway/floor-Switch



The number depends on the end devices to be supplied and their locations:
You need at least 2 of them for the supply of 100 rooms.

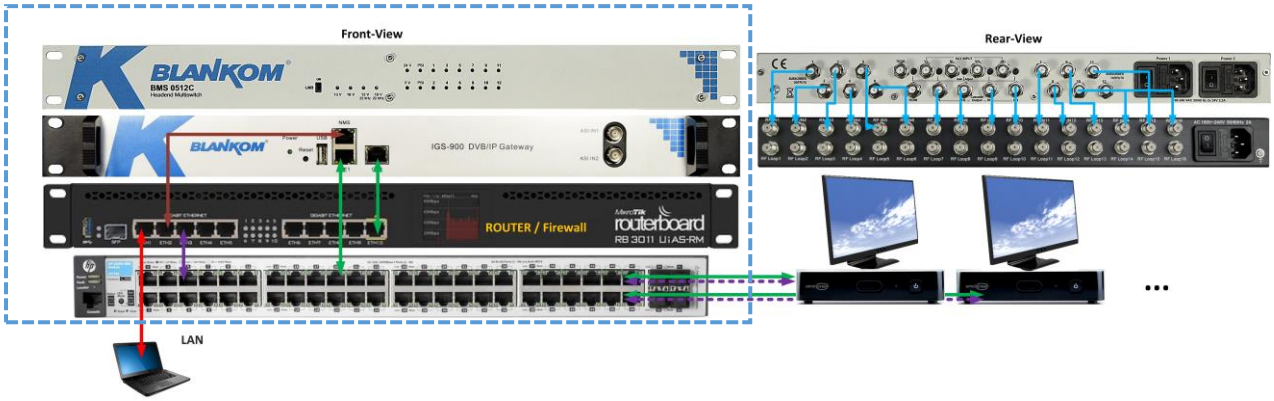
The SetTop-Box: M15

Interconnected / Overview:



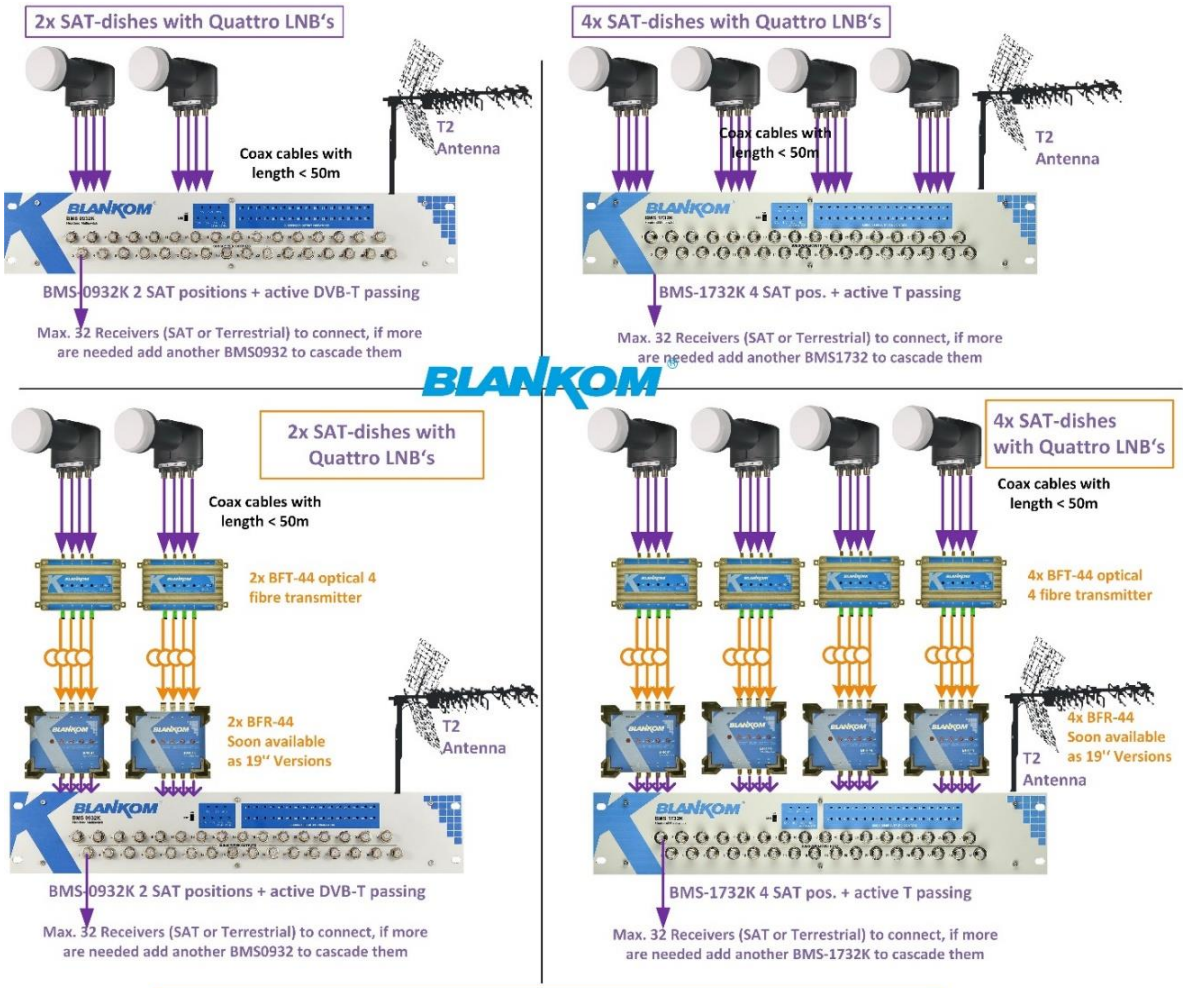
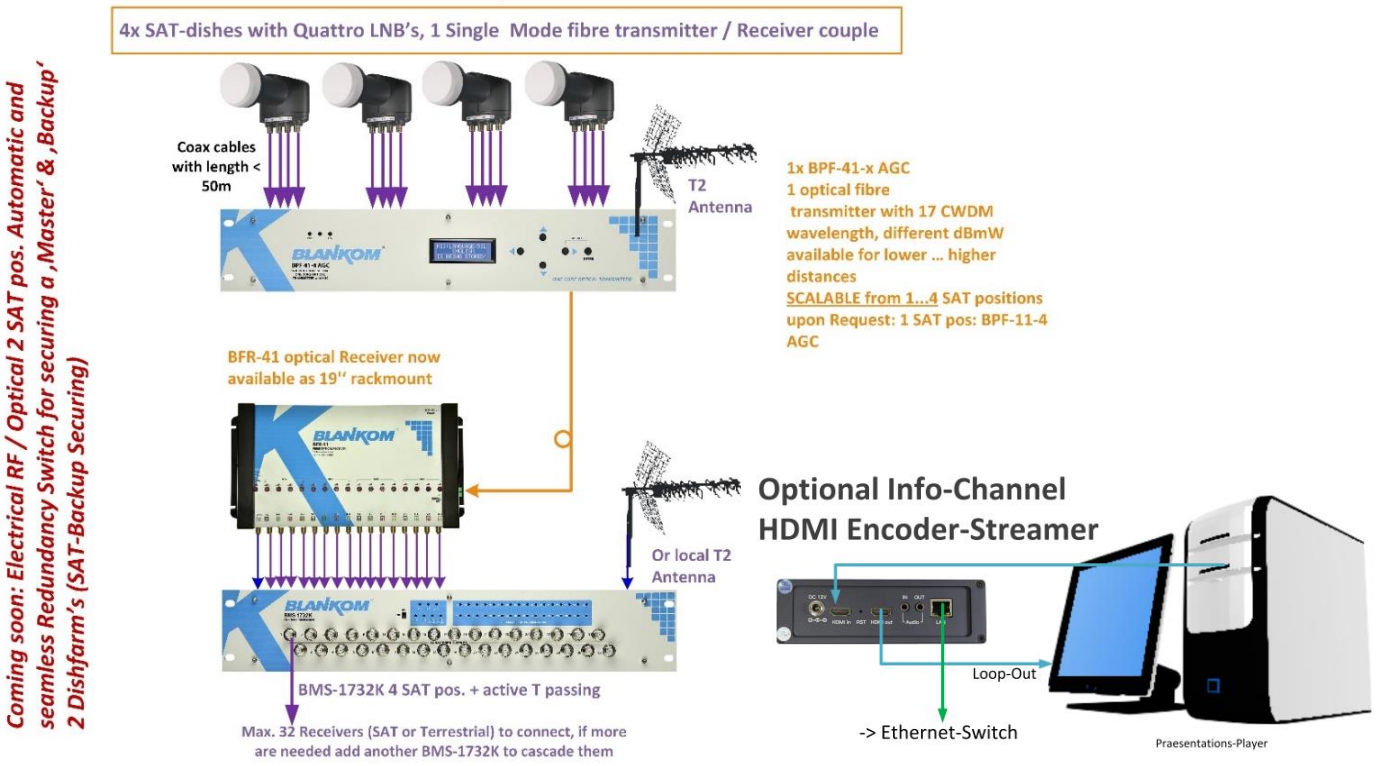
The simplest and cheapest variant: approx. 100 TV stations & 60... radio stations

1 Satellite (e.g. ASTRA), 1x BMS-0512C 12 + 4(Trunk) SAT-ZF = 16,
1x Router MicroTik
1x FreeToAir 16 Transponder – SAT Streamer IGS-900,
1-2 GbE/FastEthernet Switchs, 40-90 STB's (Rooms):



Price approx.: 6500 ,- € list price, net (without 19''cabinet, SAT-dish and cable, without SetTopBox (39,90 €/piece)) (Discount is negotiable)

With 40 Boxes for 40 rooms (or also lobby, bar/restaurant, conference rooms...) = **8096,-€**

With SAT dish and cable installation by installer/technician you stay under approx. 9000,-€

Possible system extensions e.g. the reception of more international channels from several satellite positions. Or to cover larger distances between the SAT keys and the 19'' Multiswitch SAT IF amplifiers (coax cable based) or optical systems are conceptually possible: