KINGSAT

Hangzhou Saikeling Electric Technology Co., Ltd

DATASHEET

Maritime IPTV & CATV Distribution System

From one satellite feed to every cabin TV — CATV or full IPTV.

CATEGORY
System

MODELS
—

SIZE CLASS
Headend + cabins

SPECIFICATION

Layer	Equipment	Function
Outdoor	TVRO antenna	Tracks the satellite and outputs L-band
Rack	ACU	Power, control and satellite parameters
Rack	Receiver	Demodulates the selected transponder
Rack	Multiswitch	Routes selected polarizations to receivers
Rack	Encoder / IPTV server	Encodes sources and serves streams over IP
Room	Decoder / smart TV	Plays the stream on the cabin display

Layer order follows the KINGSAT Dual TVRO Solution wiring diagram (Outdoor / Rack / Room), catalogue page 3; CATV channel count from the 2026 manual, pages 23–24.

AT A GLANCE

— CATV route: decode + re-modulate onto vessel coax, up to 58 channels
— IPTV route: encode, store, stream over the ship LAN
— Sources can mix satellite TV, CCTV, VOD and in-house programming
— Menu customization, user management, welcome screen, information insertion, catch-up