ITA ADVANCED TECHNOLOGIES INSTITUTE

IBQ18

HDMI STANDARD PROTECTION DEVICE FOR CLASSIFIED NETWORKS

IBQ18 is a device used for data level separation of two communication networks, enabling only unidirectional data transfer of video signals, compliant with the HDMI standard.

Description

The device must be connected between a HDMI video signal source and a HDMI-standard image display device, part of a communication network with a different security level.

IBQ18 has two connectors for linking cables to the digital HDMI video signal source and the display device. The HDMI video inputs are directly connected to the HDMI output ports *(CEC, HEAC, I2C are disconnected)*.

Technical specifications

Communication interfaces	HDMI
Power supply	5 VCC (*at the HDMI connectors*)
Current consumption	30 mA
Casing dimensions (*W x D x H*)	43x37x23 mm
Weight	35 g

Environmental conditions

Operating temperature	0°C ... + 65°C
Maximum relative humidity	80%