

## IR90K-C QAM (DVB-C) Receiver(With CI Slot and TS Output)



### Overview:

IR90K-C QAM (DVB-C) receiver (with CI Slot and TS Output) is the receiving equipment which is mainly used by the Broadcasting Television Corporation and Cable Television operator in the Cable TV Digital Headend System. It has extensive interfaces, high reliability and high sensitivity. The core component is STi5518. This equipment is a high integration single chip de-multiplexer and decoder with 32 units CPU, which can be used for TS de-multiplexing and de-scrambling. It supports MPEG-2 video and audio decoding, as well as 3D surrounding. In addition, it has advanced display and image features, and built-in digital video encoder.



### Features:

With CI interface, combined with CAM module, supporting the decryption of multiple encryption solutions program

Support single-program and multi-program descrambling; support maximum 25 programs descrambling at the same time

Coordinate with CAM card, support machine and card matching

With XLR interface, support audio balanced output

Support IRDETO conditional access

Automatically search program in NIT table

Full function of infrared remote control (optional)

Support SNMP (optional)

Completely compatible with MPEG2 and DVB-S

User-friendly interface and easy operation menu system

Support simultaneous output of de-scrambled transparent TS and composite video/ audio signal

TS input and output

The editing function of moving and deleting channel

Play specified system when power on

Electronic Program Guide (EPG)

Support OSD Teletext (DVB ETS 300 706) and caption function

Support PAL/NTSC TV standard

256 colors display

PAL/NTSC automatic switch

Automatic save for last channel

SDI output (optional)



### **Technical Specification:**

» Technical Specification	» Signal Input	» RF IN F type , comply DVB-C/MPEG2 standard
	» Receiving Frequency	» 48MHz~862MHz
	» Demodulation Mode	» 16QAM, 32QAM, 64QAM, 128QAM and 256QAM
	» Symbol Rate	» 2.0-7.0Msymbol/s
	» Receiving Level	» <40dBu~80dBu
» D V B C I Module	» Descrambling	» Support DVB-CSA
	» Smart Card Interface	» Adopt ISO7816 standard
	» RUII Interface	» PCMCIA
	» Video Output	» 2 channels CVBS, adopt BNC terminal, 1 channel S-Video
	» Audio Output	» 2 channels BNC interfaces, Left/Right channels: XLR audio balanced output interface
	» ASI Interface	» 1 channel input, 2 channels output, comply with ISO13818-1 MPEG-2 standard
	» Rs232 Interface	» For program upgrading