

MULTIFUNCTION QAM MODULATOR

KO-3650DR

Ko-3650DR is a new DTV product platform of multifunction QAM modulators. It Supports 2 ASI inputs, and 1 QAM input, to finish demodulation, multiplexing, and modulation. The product also supports web-based management and SNMP, which makes it possible for remote online control and monitoring.

Due to its versatilities, KO-3650DR can be applied to different places upon customers' needs, Such as cable DTV head-end, sub head-end, or broadcasting center. This product series is designed for fulfilling customized needs of various DTV head-ends with its capability of providing multiple functions in one unit.

List of Product:

Name	Model	Sub Model	Input Interfaces	Output Interfaces
IP MODULATOR	KO-3650DR	KO-3650DR	2*ASI,1RF	1*RF



Main Features :

- Flexible configurations with module authorization management system
- Changeable input/output interfaces by switching the daughter boards
- Complied with ITU- T J.83 Annex A, B, C
- Support UDP/ARP/ICMP/IGMP protocols
- Demodulation, multiplexing, PSI/SI processing, modulation, and up-converting
- QAM Mode: 16/32/64/128/256
- QAM output frequency range: 30~860MHz
- Support MPTS
- Up to 64 programs for each modulating channel
- Capable of processing 128 PIDs for a single program
- Support HD/SD program
- Web-based management for online remote upgrade and control
- SNMP for online remote monitoring
- Power failure memory recovery

ASI Interface	
Physical Type	BNC-Female
Impedance	75Ω
Data Format	188-byte TS packet
RF Output Interface	
Physical Type	F-Female
Impedance	75Ω
Number of Interface	1
Output Frequency Range	30 ~ 860MHz
QAM Mode	16/32/64/128/256QAM
Standard	EN300 429
Multiplexing	
Multiplexing	Auto-generation/manual insert of PSI/SI tables Smart search of programs Up to 512 multiplexed programs
EMM Bandwidth	3Mbps

Date Rate Statistics	Real-time statistics for TS, program, PID
Management	
Physical Type	Ethernet 10/100 Base-T
Port	RJ-45
Protocol	HTTP, SNMP
Power	
Input Voltage Range	85 ~ 260V AC
Input Frequency Range	50/60Hz
Consumption	<70W
Environment	
Working Temperature Range	5℃ ~ 45℃
Storage Temperature Range	-25℃ ~ 85℃
Humidity Range	10% ~ 90%
Physical	
Size (W x H x D)	483mm x 44mm x 450mm
Weight	<5 Kg