

Multi-functional TS Descrambler WC-1818

Multi-functional TS descrambler WC-1818 is one of the most important devices in WADT's new generation of DTV receiver and de-scrambler series. It supports ASI input, IP input, as well as different types of RF inputs, descrambles input streams then outputs to API or IP interfaces. WC-1818 can work as a DTV signal receiving and de-scrambling device in the head-end equipment room for DTV network operator. In Comparison with traditional single-channel TS receiver and descrambler, WC-1818 has much higher performance-to-price and is the best option of choosing receiving device for all DTV head-end systems.



Main Features:

- Support RF, ASI and GbE inputs
- Up to 4 channels TS (independent/cascading) de-scrambling
- Customized processing modes and output settings for input TS
- Real-time bit rate statistics and program information analysis for both input and output TS
- Maximum single PCMCIA card input bit rate: 72 Mbps
- Support up to four PCMCIA cards (independent/cascading)
- Support 32~48 programs de-scrambling
- Support ASI and GbE (UDP,7x188byte) outputs in MPTS/SPTS modes
- Maximum output bit rate: 1200 Mbps
- Maximum de-scrambling output bit rate: 280 Mbps
- Auto-save of user configuration
- Support device configuration import/export
- Support WEB/SNMP-based management
- Support online remote upgrade
- Power failure memory recovery

Technical Specifications:

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|-------------------------------|----------------------|
| RF Input (DVB-S/S2) | |
| Connector Type | 4*F-Female [English] |
| Frequency Range | 950~2150Mhz |
| Input EPL Range | -65 ~ -25dBm |
| RF Input (DVB-C) | |
| Connector Type | F-Female [English] |
| Frequency Range | 30~860Mhz |
| Output EPL Range | -20 ~ +20dBm (64QAM) |
| ASI Input & Output | |
| Connector Type | BNC-Female |
| Input Impedance | 75Ω |
| Data Format | 188-byte TS packet |
| GbE Interface | |
| Connector Type | RJ-45 |
| Output Bit Rate | ≤850Mbps |
| Format | MPEG TS-over-IP |
| CAM Card Interface | |
| Connector Type | PCMCIA Card Slot |

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|-----------------------------|------------------------|
| Numbers | 4 |
| Interface Standard | BISS I/E |
| Functionality | |
| De-scrambling Capability | 32 ~48 programs |
| Maximum De-scrambling Rate | 280Mbps |
| Management | |
| Connector Type | Ethernet 10/100 Base-T |
| Interface | RJ-45 |
| Power | |
| Input Voltage Range | 85 ~ 260V AC |
| Input Frequency Range | 50/60Hz |
| Consumption | <15W |
| Environmental | |
| Operating Temperature Range | 5°C ~ 45°C |
| Storage Temperature Range | -25 ~ 85°C |
| Operating Humidity | 10% ~ 90% |
| Physical | |
| Dimensions (W x H x D) | 483mm x 44mm x 300mm |
| Weight | 5 Kg |

Typical Application:

