

Sunhillo Data Replicator (SDR)



The Sunhillo Data Replicator (SDR) accepts a single unicast/multicast User Datagram Protocol (UDP) packet and retransmits the packet to one or more UDP destinations, while preserving the source IP and Ethernet information of the original message. The SDR allows for easy configuration of 1-to-1 or 1-to-many output retransmission addresses.

User authentication (Local, RADIUS, LDAP) security allows for the assignment of Administrative users, and various levels of limited use users. Real-time flow statistics of the I/O data and full Simple Network Management Protocol (SNMP) support is also provided. The Data Replicator supports an input packet replication rate of

10,000 packets per second and an output rate of 20,000 packets per second.

The SDR comes standard with dual Gigabit Ethernet ports but can also be ordered with an optional 4-port Ethernet card for future network demands.

FEATURES

- UDP multicast or unicast
- Configurable Address Spoofing
- Dual Gigabit Ethernet (4 port option available)
- Real-time Data Statistics of I/O data
- RADIUS, LDAP user authentication security
- Supports Dynamic Configuration

SDR utilizes the FAA field deployed Sunhillo Surveillance Gateway Processor (SGP) hardware which features:

- 1U Rack Mountable Chassis
- Redundant RAID Hard Disk
- Auto-switching 100/240VAC Power Supply
- Dual Gigabit Ethernet
- Linux OS

