

Flexible and robust RFID UHF read/write systems from deister electronic provide fast and reliable identification of stationary and moving objects from various distances.

DCU1

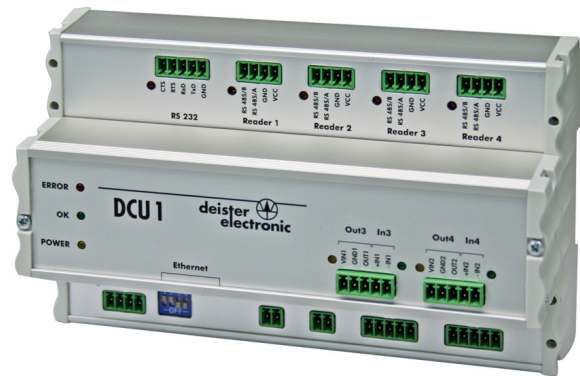
DCU1 coordinates and synchronizes readers, and then filters and transmits their data. Using 2 to 4 UHF read/write units (UDL 500) the DCU1 enables portal and similar requirements. DCU1 enabled configurator may be set in warehouses to rapidly identify multiple transponders with high speed anti-collision and multiple reader coordination.

The DCU1 administers the connected readers and provides data filtering, status and transmission to the host system. Gate and other Multiple Reader applications can easily be activated with the DCU1.

Up to 4 UDL 500 read/write units may be connected to the DCU1, depending on the requirements of the application. Up to 4 trigger inputs and digital outputs enable additional integration of trigger devices and system accessories to customize logistics applications and reduce host system processing loads.

Your benefits at a glance

- **Powerful control unit for gate/portal - applications**
- **Filtered data reduces host system loading**
- **4 x digital I/O**
- **Added Service Functionality (Watchdog, Life messages, Time Stamp and more)**
- **Multiple configuration options**
- **Flash programmable application firmware for easy updates and regulatory adaptation**
- **c-rail mounting**



Technical Data

Dimensions (mm):	178 x 105 x 59
Material:	Aluminium/ABS
Protection type:	IP 54
Operating temperature:	-20 °C... +70 °C
Storage temperature:	-40 °C... +85 °C
Relative humidity:	5 %...95 % not condensing
Supply voltage:	8...30 V/DC
Power consumption:	6W max. Total consumption depends on number of connected peripheral devices
Reader - Interfaces:	Up to 4 UDL500 read/write units may be connected
Host - Interfaces:	RS 232, RS 485, Ethernet
Trigger Input:	Up to 4 inputs 8 – 30 V/DC
Digital Output:	Up to 4 outputs 8 – 30 V/DC, I < 500 mA