Safedock
Type 1

Ramp Information Display System (RIDS)

Turn awareness and real-time communication improve decision making and performance

As part of ADB SAFEGATE's integrated gate solution, the Safedock A-VDGS is used as a Ramp Information Display System (RIDS) to improve awareness and communication in support of airport collaborative decision making (A-CDM). The system provides flight and ground personnel with real-time data such as target off block times, countdown timers for specific actions or other information vital to the turn process. The countdown timers or fixed times synchronize staff to a specific target time and are proven to provide a more efficient gate operation.

Safedock T1 RIDS Capability

When a Safedock T1 is not actively docking an aircraft, the A-VDGS offers complete RIDS functionality, saving you the investment in a separate system and improving communication at the gate to enhance safety and performance. The significantly larger high-intensity LED display and wider viewing angle of the T1 provide expanded RIDS messaging and improve visibility and awareness of critical information.

RIDS communication can include:

- Aircraft type
- Flight/code share number
- Registration number
- Updated ETA/ETD
- Arrival/departure countdown
- Origin/destination
- Meteorological information
- Fuel load
- Baggage information
- Other connected systems
- Free text

Safedock Type 1 RIDS key features:

- Support an airport collaborative decision making process on the apron.

- Make the most of your investment with automated docking and RIDS in one system.

- Larger LED display and wider viewing angle provide expanded RIDS capabilities and improve awareness.

- Safedock T1 offers more rows and more characters to communicate more information.

- Text can be fixed, scrolling or alternating.

- Dual color (Red or yellow) on every row.

- Optional split system mount provides optimal RIDS viewing and docking flexibility.

- RIDS information is sent to the Safedock display via an automatic feed from a connected system or as free text entered from a SafeControl Apron Management work station.

- Direct interface with airport and airline systems and ground support equipment for real-time gate intelligence.

- Advanced integration and data sharing (A-CDM) is easy via SafeControl Apron Management.

- Easier to operate and manage than traditional RIDS.

Ramp Information Display System (RIDS) capability:

Static characters:	7 rows, 7 alpha/numeric characters per row	**Alternating text:**	7 characters x 4 text blocks on any row
Scrolling text:	50 characters on any row	**Dual color:**	Yellow or red available on every row

Type 1 RIDS technical specifications:

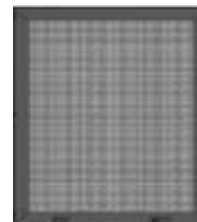|	
Display type:	High intensity LED
LED configuration:	42 LED modules
LED resolution:	16 x 16 diodes per module
LED color:	All modules 2 color (yellow and red)
Visibility angle:	170°
Readability distance:	180 m (590 feet)
Number of RIDS characters:	49 static alpha/numeric; can alternate/scroll text on any line
Data interface:	Ethernet
Power supply:	115/230VAC, +10%, 50/60Hz
Laser classification:	Class 1 eye safe / digital
Operational temperature:	-25°C – +50°C (-13°F – +122°F)
Wind load:	Up to 44 m
Snow load:	Up to 1000 N/m²
IP classification:	IP54 (operator panel IP65)
Dimensions:	1,840 h x 1,094 w x 724 d mm (72 h x 43 w x 28.5 d inches)
Weight:	155 kg (342 lbs)

**RIDS capability
7 rows, 7 characters**

T1 LED configuration

Mount display separate from docking guidance laser to maximize viewing

ADB SAFEGATE