

Safedock

Type 2-24

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 T2-24 RIDS Capability

When a Safedock T2-24 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 large high-intensity LED display provides ample RIDS messaging to 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 2-24 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.
- Large LED display provides ample RIDS messaging and improves awareness.
- Text can be fixed, scrolling or alternating.
- Dual color (Red or yellow) on two rows.
- 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: 3 rows 6 alpha/numeric characters per row
3 rows 4 alpha/numeric characters per row

Scrolling text: 50 characters on top 3 rows

Alternating text: 4 or 6 characters x 4 text blocks
(depending on row)

Dual color: Yellow or red available on two rows

Type 2-24 RIDS technical specifications:

Display type:	High intensity LED
LED configurations:	T2-24 (24 LED modules)
LED resolution:	16 x 16 diodes per module
LED color:	2 colors (yellow and red)
Visibility angle:	48° (with sun shade)
Readability distance:	160 m (525 feet)
Number of RIDS characters:	Up to 30 static alpha/numeric; can alternate/scroll text
Data interface:	Ethernet
Power supply:	115/230VAC, +10%, 50/60Hz
Laser classification:	Class 1 eye safe
Operational temperature:	-25°C – +50°C (-13°F – +122°F)
Wind load:	Up to 44 m
Snow load:	Up to 1000 N/m ²
IP classification:	IP54 (operator panel IP65)
Dimensions w/ sun shade:	1,520 h x 900 w x 422 d mm (59.8 h x 35.4 w x 25.6 d inches)
Weight:	100-110 kg (220-243 lbs)



RIDS capability
6 rows, up to
4-6 characters per row



T2-24 LED configuration