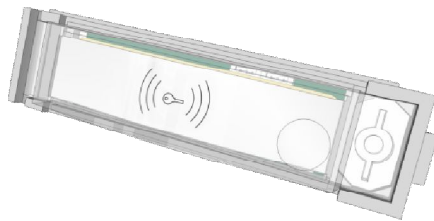


Readers in IPDP Slim panel (design Urmet)



Miniature reader 125 kHz with configurable Wiegand output (WREM 57U) and reader modules with integrated door controller (AREM 57U, MREM 57U, NREM 57U) are supplied built in *IPDP Slim* entry panels (design Urmet).

The product is solely distributed by **ALPHATECH TECHNOLOGIES s.r.o.** company.

Basic technical features

	APS mini	APS mini	APS 400
	AREM 57U	MREM 57U	NREM 57U
Trade description			
Operating voltage	8 ÷ 18 V DC (from IPDP Slim panel)		
Current consumption	80 mA, max. 90 mA (8V)		
ID technology	125 kHz (TF / EM / HID Prox)		
Typical reading range	4 / 3 cm (with ISO card)		
Card memory	748 users + 2 master cards		748 ¹⁾ (emergency funtion)
Events memory	-	2,000	- ¹⁾
Time schedules	64 per day of the week and for holidays + never / always		- ¹⁾
Real-time clock	Available, w/o backup		- ¹⁾
Inputs	N/A		
Outputs, indicators	1x open collector 0V active (connected to the REX device of IPDP Slim panel), 3x LED, 1x PIEZO buzzer		
Communication interface	RS 485		
Weight	0.025 kg		
Operating environment	-25°C ÷ +60°C, humidity max. 95% non-condensing		
Protection class	IP 44 (built in the entry panel)		
Housing & dimensions	White, 21x85x21 mm		
Connecting cable	2x 0.4 m		

¹⁾ Identification events authorization and behavior of the APS 400 network modules are provided by the system controller. Specific parameters can be found at www.techfass.cz.

	WREM 57U
Trade description	
Operating voltage	8 ÷ 15 VDC (from IPDP Slim panel)
Current consumption	75 mA, max. 80 mA
ID technology	125 kHz (TF / EM / HID Prox)
Typical reading range	4 / 3 cm (with ISO card)
Inputs	1x buzzer control, 1x yellow LED control
Outputs, indicators	3x LED 1x PIEZO
Communication interface	WIEGAND (configurable without software)
Weight	0.025 kg
Operating environment	-25°C ÷ +60°C, humidity max. 95% non-condensing
Protection class	IP 44 (built in the entry panel)
Housing & dimensions	White, 21x85x21 mm
Connecting cable	0.4 m



Versions & Compatibility

Reader version	Code	TF	EM	HID	Events archive	T&A SW	ACS SW	Extensions
AREM 57U-TF	52457200	•	–	•	–	–	•	–
AREM 57U-EM	52457201	•	•	•	–	–	•	–
MREM 57U-TF	53457200	•	–	•	•	–	•	licensed
MREM 57U-EM	53457201	•	•	•	•	–	•	licensed
MREM 57U-TF/TA	53457202	•	–	•	•	•	•	licensed
MREM 57U-EM/TA	53457203	•	•	•	•	•	•	licensed
NREM 57U-TF	54457200	•	–	•))))
NREM 57U-EM	54457201	•	•	•))))
WREM 57U	51457201	•	•	•	N/A	N/A	N/A	N/A

) Selected features are determined by the APS 400 system controller.

Application



REM 57U reader
in IPDP Slim entry panel

TECHFASS® product lines

- The very popular **APS mini** access control system enables building up many applications for family and apartment houses, small companies and commercial premises.
- The **APS mini Plus** access control system is a generally applicable system, which is capable of covering all typical access control and time and attendance solutions. The system is suitable for both smaller standard access control systems, and for large and remote systems using an online server.
- The **APS 400** system controllers can control up to 64 reader modules; manage up to 15,000 users and store up to 57,000 records in their events memory when operating in offline mode. A unique feature of the system is the ability to set the behavior of all connected modules by a **user-defined program**.

APS mini

Function: *fixed*
 ID memory: *748*
 Online authorization: *N/A*
 Off-line events: *N/A*
 Time schedules: *64*
 Addresses / comm. line: *32*
 Lines per system: *unlimited*

Management:
master cards or PC
 Software for free:
CFG, management

APS mini

Function: *fixed*
 ID memory: *748*
 Online authorization: *>10⁷*
 Off-line events: *2000*
 Time schedules: *64*
 Addresses / comm. line: *32*
 Lines per system: *unlimited*

Management:
master cards or PC
 Software for free:
CFG, management
 Software extensions:
alarm graphics, basic T&A, complex T&A, web,...

APS 400

Function: *programmable*
 ID memory: *15,000*
 Online authorization: *>10⁷*
 Off-line events: *57,000*
 Access groups: *128*
 Time schedules: *64*
 Addresses / controller: *64*
 Controllers / server: *>32*

Management:
PC
 Software for free:
programming & CFG, management (up to 10ID)
 Software extensions:
alarm graphics, basic T&A, complex T&A, web,...