

Use

- The AMS Micro GP system is used for remote control and monitoring of lighting systems, including three- or five-level brightness control. This version is ideal for small airports and heliports.

Description/features

- free-standing or built-in LCD panel
- simple and clear control via touch screen or positioning device
- status indication on LCD panel with intensity control
- audible indication of fault conditions
- simple and configurable monitoring of device operating conditions related to the operation of lighting systems (EVS, EPS, TCR, NZE, etc.)
- integrated archive of events and commands for controlling lighting systems
- one or two workstations



Dimensions

- 295mm x 365mm

System possibilities

- control and monitoring of runways (RWY) or heliports
- control and monitoring of approach systems (ALS) and precision approach systems (PAPI)
- control and monitoring of one of the taxiways (TWY)
- native support for control of constant current regulators (CCR)
- support for light control from parallel distribution (TRP)
- connection to constant current regulators (CCR) from other manufacturers using a cabinet with I/O modules
- simple maintenance and user configuration



Chapter num.:

9.1.1 AMS MICRO GP



monitoring of TCR and GPS sources

GPS														
Status	A	Quality	2	Num. of Sat.	2	UTC Date	190521	UTC Time	134601					
#	CCR Name	LVL	ON	REM	FLT	OVC	OPC	REG	EF L1	EF L2	LF L1	LF L2	Temperature	
01	PS 33	0	☒	☒	☐	☐	☐	☐	☐	☐	☐	☐	22.9	
10	TWY A2,B,C,D	0	☒	☒	☐	☐	☐	☐	☐	☐	☐	☐	23.9	
08	PAPI 33	0	☒	☒	☐	☐	☐	☐	☐	☐	☐	☐	23.4	
12	PAPI 15	0	☒	☒	☐	☐	☐	☐	☐	☐	☐	☐	22.9	
06	RWY 15-33/1	0	☒	☒	☐	☐	☐	☐	☐	☐	☐	☐	22.4	
07	RWY 15-33/2	0	☒	☒	☐	☐	☐	☐	☐	☐	☐	☐	22.9	
09	TWY A1	0	☒	☒	☐	☐	☐	☐	☐	☐	☐	☐	23.9	

01-PS 33														
0	MAN	☒ ON	☐ OVC	EF Value	0.0	MQ	LF Value	0	ks					
	OFF	☒ Remote	☐ OPC	Limit EF L1	0.0	MQ	Limit LF L1	0	ks					
		☐ Fault	☐ REG	Limit EF L2	0.0	MQ	Limit LF L2	0	ks					

general settings of AMS system

General Setting	Runway Azimute	15	33
Date and Time	Pressure Units	hPa	Toor
CCR Communication	Wind Speed Unit	m/s	Knot
Event Log	Runway Altitude	0089	ft
	Pressure Sensor Level	0785	ft

date and time settings

General Setting	Time Zone	-	+02	+
Date and Time	GPS Synchronization	OFF	ON	
CCR Communication	Set the Date Manually	22	05	21
Event Log	Set the Time Manually	18	01	13

communication settings with TCR

General Setting	#01 ALS 33	OFF	ON
Date and Time	#10 TWY A2,B,C,D	OFF	ON
CCR Communication	#08 PAPI 33	OFF	ON
Event Log	#12 PAPI 15	OFF	ON
	#06 RWY 15-33/1	OFF	ON
	#07 RWY 15-33/2	OFF	ON
	#09 TWY A1	OFF	ON

archive settings

General Setting	Event Log History	04
Date and Time		
CCR Communication		
Event Log		

AMS event archive

Time	Event
104 25.05.21 09:37:37	10 TWY A2,B,C,D Maintenance OFF
103 25.05.21 09:34:04	10 TWY A2,B,C,D OFF
102 25.05.21 09:34:04	10 TWY A2,B,C,D Maintenance ON
101 25.05.21 09:34:00	10 TWY A2,B,C,D Maintenance OFF
100 25.05.21 09:32:38	10 TWY A2,B,C,D Alarm
99 25.05.21 09:32:19	10 TWY A2,B,C,D Maintenance ON
98 25.05.21 09:29:25	RWY12 OFF
97 25.05.21 09:29:25	06 RWY 15-33/1 Maintenance OFF
96 25.05.21 09:29:11	RWY12 Alarm
95 25.05.21 09:28:41	06 RWY 15-33/1 Maintenance ON
94 25.05.21 09:28:38	RWY12 OFF
93 25.05.21 09:28:37	06 RWY 15-33/1 Maintenance OFF
92 25.05.21 09:28:53	RWY12 Alarm
91 25.05.21 09:28:42	06 RWY 15-33/1 Maintenance ON
90 25.05.21 09:28:24	PAPI 13 OFF
89 25.05.21 09:26:21	08 PAPI 33 Maintenance OFF
88 25.05.21 09:26:08	PAPI 13 Alarm
87 25.05.21 09:25:49	08 PAPI 33 Maintenance ON
86 25.05.21 09:25:41	01 PS 01 Maintenance OFF
85 25.05.21 09:25:10	01 PS 01 Maintenance ON
84 25.05.21 09:13:20	07 RWY 15-33/2 Temperature 23
83 25.05.21 09:13:20	06 RWY 15-33/1 Temperature 23
82 25.05.21 09:13:20	12 PAPI 15 Temperature 23
81 25.05.21 09:13:20	08 PAPI 33 Temperature 24
80 25.05.21 09:13:20	10 TWY A2,B,C,D Temperature 24
79 25.05.21 09:13:20	09 TWY A1 Temperature 24
78 25.05.21 09:13:20	01 PS 01 Temperature 23
77 25.05.21 23:40:10	07 RWY 15-33/2 Temperature 25
76 25.05.21 23:40:10	06 RWY 15-33/1 Temperature 25
75 25.05.21 23:40:10	12 PAPI 15 Temperature 24
74 25.05.21 23:40:10	08 PAPI 33 Temperature 25
73 25.05.21 23:40:10	10 TWY A2,B,C,D Temperature 25