ACS50 Smart Lighting Control HMI

ACS SERIES



Features

Description

- Easy to use and navigate with the button functions and areas arranged into pages
- Ideal for centralized administration
- Optional display mirroring with a PC with the 7 inch model with Ethernet capability
- With a simple automatic time control with separate workday and holiday schedules
- Occupies little space with its small wall print
- Realtime status feedback

- The ACS50 is the ideal device for use by administrators for centralizing the control and monitoring of multiple lighting circuits in one location. It enables the operator to view the real time status of the lighting without having to waste time and effort physically go to the actual location.
- The ACS50 has a simple scheduler that allows for automatic control of the lighting.
- The ACS50 is available in two sizes, the smaller one with the 5 inch screen for small scale use or the larger 7 inch screen for locations with a larger number of lighting zones.
- Each button is akin to having a virtual software based switch, with each button assigned to its corresponding lighting circuit and being labeled accordingly for clarify. Not only can the buttons control its lighting, but it also shows the actual on or off status of the lighting, this feedback mechanism not only works for the HMI that is doing the controlling, but is synchronized among all the other HMI, digital switches and CMS present as well.

Screenshots

Home (Lite Version)

A2F A3F

A4F A5F Outside

B1F B2F B3F

B4F B5F BF

System Architecture

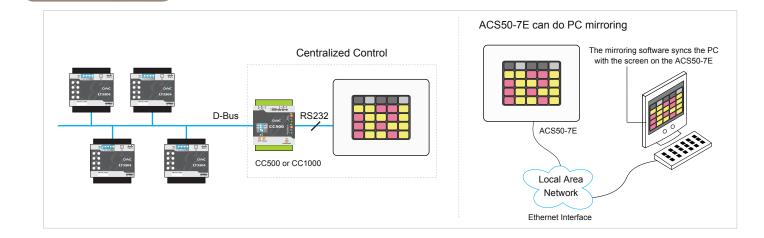
Single and Group Buttons

Work	day Holiday		DAE Tech	Bldg		Workd	ay Holiday
	2012/04/05 11:02:51	100	B1F	1F	2F	3F	4F
Court yard	Bidg A Stairs		Living 1	Living 2	Living 3	Living 4	Group 1
Exterior Wall	Bldg B Stairs		Curtains Up	Curtains Down	Living 1	Living 1	Group 2
Plaza	Basement Main		Hallway 1	Hallway 2	Hallway 3	Hallway 4	Pattern 1
Elevator Lobby	Basement Other	AE	Stairs	Elevator Lobby	Washroom 1	Washroom 2	Pattern 2

Schedule Control

Workday Schedule	Holiday Controls	Holiday Schedule	Workday Controls		
Group 1 0 : 0	10 0 : 0	Group 1 0 : 0	то о : о		
Group 2 0 : 0	то 0 : 0	Group 2 0 : 0	то 0 : 0		
Group 3 0 : 0	то 0 : 0	Group 3 0 : 0	TO 0 : 0		
Group 4 0 : 0	то 0 : 0	Group 4 0 0	то 0 : 0		
Group 5 0 : 0	то 0 : 0	Group 5 0 : 0	то 0 : 0		
Group 6 0 : 0	то 0 : 0	Group 6 0 : 0	TO 0 : 0		
Group 7 0 : 0	10 0 : 0	Group 7 0 0	10 0 : 0		
Group 8 0 : 0		Group 8 0 : 0			

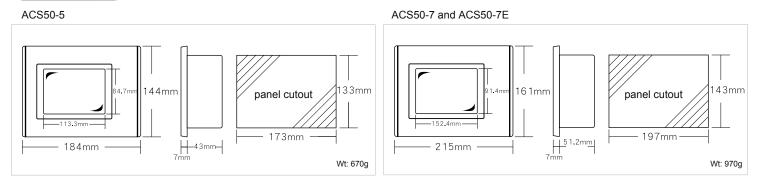
Each group can be assigned to a workday and a holiday, with each having an on and off time



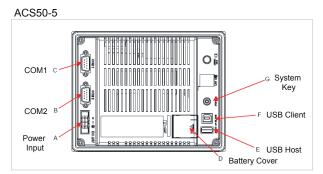
Specifications

	Item	Descrip	tion						
	Navigation	Labeled paged based navigation							
Software Specs	Button Status	Named and shows the realtime status of each lighting circuit							
	Software versions		Home	Pages	Buttons /Page	Max Circuits	Device Interface	Scheduling	Regular/Holidays
		Lite	No	5	20	100 (groups included)	CC500 x1	8 groups	Yes
		Standard	Yes	12	20	240	CC1000 x1	16 groups	Yes
		Deluxe	Yes	24	24	570 (groups included)	CC1000 x2	32 groups	Yes
	PC Mirroring Software	Mirrors the display of the ACS50 on a PC connected on the same LAN with password protection							
Hardware S	Device Interface	Interfaces to the lighting bus using a dedicated gateway, the ACS50-7E has an addition Ethernet port for PC mirroring.							
	CPU	32Bit RISC Micro-controller							
	ROM	5": 4MB / 7": 128MB							
	Input Power	24VDC (-10 to +15%)							
	Buzzer	85dB							
Specs	Clock	Device time can be set							
	Screen Size and Resolution	5": 320 by 234 pixels / 7": 800 by 400 pixels							
	Software Update	USB port connected to a flash drive or PC							

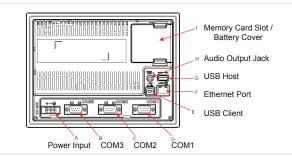
Dimensions



Component Wiring



ACS50-7 and ACS50-7E



Ordering

Order Code	Screen/Option	Software			
ACS50-5	5"	Lite version			
ACS50-7	7"	Standard or deluxe			
ACS50-7E	7" with Ethernet	Standard or deluxe			
AC300-7E	PC mirroring software (optional)				

* Specifications subject to change without notice

www.DAEinstrument.com DAE Instrument Corp.

ACS50 datasheet-3.2e.ai

5F, No. 157 Xinhu 1st Rd. Neihu District, Taipei City 114, Taiwan, R.O.C. TEL: +886-2-2793-6123 EMAIL: sales@DAEinstrument.com