

Comparison IPAS DALI Gateways



Device type	DaliControl gc16	DaliControl gc16-2	DaliControl e64	DaliControl e64 Pro / ProS*
Order number	4101-145-11	4101-145-21	4101-145-01	4101-145-02 (e64 Pro) 4101-145-03 (e64 ProS)
Number of DALI outputs	1	2	1	1
Number of ECGs per DALI output	64	64	64	64
Number of ECGs per gateway	64	2 x 64	64	64
DALI supply	Integrated	Integrated	Integrated	Integrated
DALI certification	Single-Master Application Controller	Single-Master Application Controller	Single-Master Application Controller	Multi-Master Application Controller
DALI 2 sensors	-	-	-	8 movement sensors or light sensors
ETS support	ETS5 required (DCA)	ETS5 required (DCA)	ETS5 required (DCA)	ETS5 required (DCA)
KNX data secure	-	-	-	☺
Ethernet connection	-	-	x, 1x	x, 1x
Integrated web server	-	-	☺	☺
Cyber security	-	-	Basic	Advanced
Standard functions				
Control of DALI groups	16	2x16	16	16
Control of single ECGs	64	64	64	64
Manual control of groups and broadcast telegrams on the device	via buttons	via buttons	via buttons + display	via buttons + display
Signalling of error status and status diagnostic via LEDs on the device	via LEDs	via LEDs	via display	via display
DALI commissioning				
DALI commissioning via DCA in the ETS	☺	☺	☺	☺
DALI commissioning on the device	-	-	☺	☺
DALI commissioning via web interface	-	-	☺	☺
DCA				
Offline configuration of DALI ECGs	☺	☺	☺	☺
Gateway replacement via restore function	☺	☺	☺	☺
DCA export/import in XML format	☺	☺	☺	☺
Description texts export/import	☺	☺	☺	☺
Operating modes				
Operating modes for groups (normal, permanent, night, panic mode and staircase function)	☺	☺	☺	☺
Operating modes ECGs (normal, permanent, night and panic mode)	☺	☺	☺	☺
Emergency lighting via central battery	-	-	☺	☺
Broadcast				
Broadcast communication objects for on, off and value setting	☺	☺	☺	☺
Broadcast communication objects for colour or colour temperature	☺	☺	☺	☺
Broadcast communication objects for colour and colour temperature	-	-	☺	☺
Group control of colour and colour temperature for DT8 ECGs	☺	☺	☺	☺
Group control master/slave colour temperature for DT6 ECGs	-	-	-	☺
Single ECG control (on, off, dimming, value, status and error)				
Single ECG control colour temperature and colour (RGB 3Byte, RGBW 6Byte, HSV, HSVW and XY)	-	-	-	☺
Automatic colour temperature change depending on the light value (dim to cold) for groups	☺	☺	-	☺
Automatic colour temperature change depending on the light value (dim to cold) for single ECGs	-	-	-	☺
Scenes				
Scene module for up to 16 scenes, that can be assigned to KMX scenes 1-64	☺	☺	☺	☺
Scene control for groups (value, colour and colour temperature with adjustable fading time)	☺	☺	☺	☺
Scene control for ECGs (value, colour and colour temperature with adjustable fading time)	☺	☺	☺	☺
Scene dimming	☺	☺	☺	☺
Export / import of individual scenes	☺	☺	-	☺
Time control				
Time control for groups (value, colour and colour temperature with adjustable fading time)	☺	☺	☺	☺
Time control for ECGs (value, colour and colour temperature with adjustable fading time)	☺	☺	☺	☺
Possibility to manually overwrite time controlled colour changes	☺	☺	-	☺
Export / import of individual time control templates	☺	☺	☺	☺
Effects				
Effect module for process control and light effects including colour setting in DT-8 lamps	-	-	☺	☺
Export / import of individual effects	-	-	-	☺

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Emergency lights DT1				
Support of single battery emergency lights DT1, switchable and non-switchable	-	-	☺	☺
Emergency lighting test and report in DCA with time and date stamp for export in XML format	-	-	☺	☺
Emergency lighting test and report in web interface with time and date stamp for export in XML format	-	-	-	☺
Errors and diagnostic				
General error analysis (DALI, KNX, lights, ECGs and converters)	☺	☺	☺	☺
Error analysis at group and ECG level (lights and ECGs)	☺	☺	☺	☺
Error threshold monitoring of ECGs and groups	☺	☺	☺	☺
Diagnostic across different devices	-	-	-	☺
"Quick exchange function" for easy replacement of faulty ECGs	☺	☺	☺	☺
Operating hours				
Operating hours counter with alarm for when the life span has been exceeded - groups	☺	☺	☺	☺
Operating hours counter with alarm for when the life span has been exceeded - single ECGs	☺	☺	☺	☺
Energy saving function				
Energy saving function for groups that makes it possible to switch off the ECG power supply via an additional switch actuator	☺	☺	☺	☺
Energy saving function for single ECGs	-	-	-	☺
DALI sensors / input				
Movement sensor with and without brightness sensors	-	-	-	☺

*) Both products functionally identical (same application and DCA). DaliControl e64 ProS has two Ethernet interfaces. This simplifies the wiring of the Ethernet in the control cabinet, because the cable can simply be looped through and an external switch is not required.