# Disinfection Lamp SDK Protocol

# TopGLDisinfectionLampAPIManager

## 1 Get device status

- (void)getDisinfectionLampState:(NSString \*)md5 complete:(void(^)(TopGLDisinfectionLampResultInfo \* resucltInfo))result;

|  |  |
| --- | --- |
| Description: Get the current status of the devicemd5 | Device’s md5 |
| TopGLDisinfectionLampResultInfo: Value data from the return result | |
| md5 | Device’s md5 |
| state | GLStateTypeOk｜GLStateTypeFailed |
| TopMainDevStateInfo | Device status object |

## 2 Control disinfection lamp

- (void)controlDisinfectionLamp:(NSString \*)md5 disinfection\_time:(NSInteger) disinfection\_time account:(NSString \*)account complete:(void(^)(TopGLDisinfectionLampResultInfo \* resucltInfo))result;

|  |  |
| --- | --- |
| Description: Control disinfection lampmd5 | Device’s md5 |
| disinfection\_time | Disinfection duration. 0 means end disinfection. |
| account | User account |
| TopGLDisinfectionLampResultInfo: Value data from the return result | |
| md5 | Device’s md5 |
| state | GLStateTypeOk｜GLStateTypeFailed |

## 3 Get the disinfection timing list

- (void)getDisinfectionLampTimerInfoList:(NSString \*)md5 complete:(void(^)(TopGLDisinfectionLampResultInfo \* resucltInfo))result;

**Description: Get the disinfection timing list**

|  |  |
| --- | --- |
| md5 | Device’s md5 |
| TopGLDisinfectionLampResultInfo: Value data from the return result | |
| md5 | Device’s md5 |
| state | GLStateTypeOk｜GLStateTypeFailed |
| disinfectionTimerList | [TopGLDisinfectionLampResultInfo] List of disinfection timing objects |

## 4 Add， delete or update disinfection timing

- (void)setDisinfectionLampTimerInfo:(NSString \*)md5 actionFullType:(GLActionFullType)actionFullType disinfectionLampTimerInfo:(TopGLDisinfectionTimerInfo \*)disinfectionLampTimerInfo complete:(void(^)(TopGLDisinfectionLampResultInfo \* resucltInfo))result;

**Description**： Add， delete or update disinfection timing

|  |  |
| --- | --- |
| md5 | Device’s md5 |
| actionFullType | GLActionFullType(Operation type)： GLActionFullTypeInsert: Inser；GLActionFullTypeDelete: Delete ；GLActionFullTypeUpdate: Update4 |
| disinfectionLampTimerInfo | Timing information object |
| TopGLDisinfectionLampResultInfo: Value data from the return result | |
| md5 | Device’s md5 |
| state | GLStateTypeOk｜GLStateTypeFailed｜GLStateTypeFullError |

## 5 Get or change the child lock

- (void)disinfectionLampChildLock:(NSString \*)md5 action:(GLActionType) action child\_lock:(BOOL)child\_lock complete:(void(^)(TopGLDisinfectionLampResultInfo \* resucltInfo))result;

**Description**： Get or change the child lock

|  |  |
| --- | --- |
| md5 | Device’s md5 |
| action | GLActionTypeCheck: Get; GLActionTypeModify: Set； |
| child\_lock | Child lock: true (ON) ；false(OFF) |
| TopGLDisinfectionLampResultInfo: Value data from the return result | |
| md5 | Device’s md5 |
| state | GLStateTypeOk｜GLStateTypeFailed |
| child\_lock | Child lock: true (ON) ；false(OFF) |
| action | GLActionTypeCheck: Get; GLActionTypeModife: Set； |

## 6 Get disinfection records

- (void)getDisinfectionLampRecords:(NSString \*)md5 complete:(void(^)(TopGLDisinfectionLampResultInfo \* resucltInfo))result;

**Description**： Get disinfection records.

|  |  |
| --- | --- |
| md5 | Device’s md5 |
| TopGLDisinfectionLampResultInfo: Value data from the return result | |
| md5 | Device’s md5 |
| state | GLStateTypeOk｜GLStateTypeFailed |
| disinfectionRecordList | [TopDisinfectionLampRecord] List of disinfection records |