Access Control Event Types

The access control events are classified as four major types, i.e., alarm events (MAJOR_ALARM-0x1), exception events (MAJOR_EXCEPTION-0x2), operation events (MAJOR_OPERATION-0x3), and other events (MAJOR_EVENT-0x5). Each major type corresponds to multiple minor types, see details below.

MAJOR_ALARM

Event Minor Type	Value	Description
MINOR_ALARMIN_SHORT_CIRCUIT	0x400	Zone Short Circuit Attempts Alarm
MINOR_ALARMIN_BROKEN_CIRCUIT	0x401	Zone Disconnected Alarm
MINOR_ALARMIN_EXCEPTION	0x402	Zone Exception Alarm
MINOR_ALARMIN_RESUME	0x403	Zone Restored
MINOR_HOST_DESMANTLE_ALARM	0x404	Zone Tampering Alarm
MINOR_HOST_DESMANTLE_RESUME	0x405	Zone Tampering Restored
MINOR_CARD_READER_DESMANTLE_ALARM	0x406	Card Reader Tampering Alarm
MINOR_CARD_READER_DESMANTLE_RESUME	0x407	Card Reader Tampering Restored
MINOR_CASE_SENSOR_ALARM	0x408	Alarm Input Alarm Triggered
MINOR_CASE_SENSOR_RESUME	0x409	Alarm Input Restored
MINOR_STRESS_ALARM	0x40a	Duress Alarm
MINOR_OFFLINE_ECENT_NEARLY_FULL	0x40b	No Memory Alarm for Offline Events
MINOR_CARD_MAX_AUTHENTICATE_FAIL	0x40c	Maximum Failed Card Authentications Alarm
MINOR_SD_CARD_FULL	0x40d	SD Card Full Alarm
MINOR_LINKAGE_CAPTURE_PIC	0x40e	Capture Linkage Alarm
MINOR_SECURITY_MODULE_DESMANTLE_ALARM	0x40f	Secure Door Control Unit Tampering Alarm
MINOR_SECURITY_MODULE_DESMANTLE_RESUME	0x410	Secure Door Control Unit Tampering Restored
MINOR_FIRE_IMPORT_SHORT_CIRCUI	0x415	Fire Input Short Circuit Attempts

Event Minor Type	Value	Description
T		Alarm
MINOR_FIRE_IMPORT_BROKEN_CIRCUIT	0x416	Fire Input Open Circuit Attempts Alarm
MINOR_FIRE_IMPORT_RESUME	0x417	Fire Input Restored
MINOR_FIRE_BUTTON_TRIGGER	0x418	Fire Button Triggered
MINOR_FIRE_BUTTON_RESUME	0x419	Fire Button Resumed
MINOR_MAINTENANCE_BUTTON_TRIGGER	0x41a	Maintenance Button Triggered
MINOR_MAINTENANCE_BUTTON_RESUME	0x41b	Maintenance Button Resumed
MINOR_EMERGENCY_BUTTON_TRIGGER	0x41c	Panic Button Triggered
MINOR_EMERGENCY_BUTTON_RESUME	0x41d	Panic Button Resumed
MINOR_DISTRACT_CONTROLLER_ALARM	0x41e	Distributed Elevator Controller Tampering Alarm
MINOR_DISTRACT_CONTROLLER_RESUME	0x41f	Distributed Elevator Controller Tampering Restored
MINOR_CHANNEL_CONTROLLER_DESMANTLE_ALARM	0x422	Lane Controller Tampering Alarm
MINOR_CHANNEL_CONTROLLER_DESMANTLE_RESUME	0x423	Lane Controller Tampering Alarm Restored
MINOR_CHANNEL_CONTROLLER_FIRE_IMPORT_ALARM	0x424	Lane Controller Fire Input Alarm
MINOR_CHANNEL_CONTROLLER_FIRE_IMPORT_RESUME	0x425	Lane Controller Fire Input Alarm Restored
MINOR_PRINTER_OUT_OF_PAPER	0x440	No Paper in Printer Alarm
MINOR_LEGAL_EVENT_NEARLY_FULL	0x442	No Memory Alarm for Valid Offline Events
MINOR_ALARM_CUSTOM1 to MINOR_ALARM_CUSTOM64	0x900 to 0x93f	Access Control: Custom Alarm Event 1 to Custom Alarm Event 64

MAJOR_EXCEPTION

Event Minor Type	Value	Description
MINOR_NET_BROKEN	0x27	Network Disconnected
MINOR_RS485_DEVICE_ABNORMAL	0x3a	RS485 Connection Exception
MINOR_RS485_DEVICE_REVERT	0x3b	RS485 Connection Restored
MINOR_DEV_POWER_ON	0x400	Power on
MINOR_DEV_POWER_OFF	0x401	Power off
MINOR_WATCH_DOG_RESET	0x402	Watchdog Reset
MINOR_LOW_BATTERY	0x403	Low Battery Voltage
MINOR_BATTERY_RESUME	0x404	Battery Voltage Restored
MINOR_AC_OFF	0x405	AC Power Disconnected
MINOR_AC_RESUME	0x406	AC Power Restored
MINOR_NET_RESUME	0x407	Network Restored
MINOR_FLASH_ABNORMAL	0x408	Flash Reading and Writing Exception
MINOR_CARD_READER_OFFLINE	0x409	Card Reader Offline
MINOR_CAED_READER_RESUME	0x40a	Card Reader Online
MINOR_INDICATOR_LIGHT_OFF	0x40b	Indicator Turns off
MINOR_INDICATOR_LIGHT_RESUME	0x40c	Indicator Resumed
MINOR_CHANNEL_CONTROLLER_OFF	0x40d	Lane Controller Offline
MINOR_CHANNEL_CONTROLLER_RESUME	0x40e	Lane Controller Online
MINOR_SECURITY_MODULE_OFF	0x40f	Secure Door Control Unit Offline
MINOR_SECURITY_MODULE_RESUME	0x410	Secure Door Control Unit Online
MINOR_BATTERY_ELECTRIC_LOW	0x411	Low Battery Voltage (Only for Face Recognition Terminal)
MINOR_BATTERY_ELECTRIC_RESUME	0x412	Battery Voltage Recovered (Only for Face Recognition Terminal)
MINOR_LOCAL_CONTROL_NET_BROKEN	0x413	Network of Distributed Access Controller Disconnected
MINOR_LOCAL_CONTROL_NET_RSUME	0x414	Network of Distributed Access

Event Minor Type	Value	Description
		Controller Restored
MINOR_MASTER_RS485_LOOPNODE_BROKEN	0x415	RS485 Loop of Main Access Controller Disconnected
MINOR_MASTER_RS485_LOOPNODE_RESUME	0x416	RS485 Loop of Main Access Controller Connected
MINOR_LOCAL_CONTROL_OFFLINE	0x417	Distributed Access Controller Offline
MINOR_LOCAL_CONTROL_RESUME	0x418	Distributed Access Controller Online
MINOR_LOCAL_DOWNSIDE_RS485_LOOPNODE_BROKEN	0x419	Downstream RS485 Loop of Distributed Access Control Disconnected
MINOR_LOCAL_DOWNSIDE_RS485_LOOPNODE_RESUME	0x41a	Downstream RS485 Loop of Distributed Access Control Connected
MINOR_DISTRACT_CONTROLLER_ONLINE	0x41b	Distributed Elevator Controller Online
MINOR_DISTRACT_CONTROLLER_OFFLINE	0x41c	Distributed Elevator Controller Offline
MINOR_ID_CARD_READER_NOT_CONNECT	0x41d	ID Card Reader Disconnected
MINOR_ID_CARD_READER_RESUME	0x41e	ID Card Reader Connected
MINOR_FINGER_PRINT_MODULE_NOT_CONNECT	0x41f	Fingerprint Module Disconnected
MINOR_FINGER_PRINT_MODULE_RESUME	0x420	Fingerprint Module Connected
MINOR_CAMERA_NOT_CONNECT	0x421	Camera Disconnected
MINOR_CAMERA_RESUME	0x422	Camera Connected
MINOR_COM_NOT_CONNECT	0x423	COM Port Disconnected
MINOR_COM_RESUME	0x424	COM Port Connected
MINOR_DEVICE_NOT_AUTHORIZE	0x425	Device Unauthorized
MINOR_PEOPLE_AND_ID_CARD_DEVICE_ONLINE	0x426	Face Recognition Terminal Online
MINOR_PEOPLE_AND_ID_CARD_DEVICE	0x427	Face Recognition Terminal Offline

Event Minor Type	Value	Description
_OFFLINE		
MINOR_LOCAL_LOGIN_LOCK	0x428	Local Login Lock
MINOR_LOCAL_LOGIN_UNLOCK	0x429	Local Login Unlock
MINOR_SUBMARINEBACK_COMM_BREAK	0x42a	Communication with Anti-passing Back Server Failed
MINOR_SUBMARINEBACK_COMM_RESUME	0x42b	Communication with Anti-passing Back Server Restored
MINOR_MOTOR_SENSOR_EXCEPTION	0x42c	Motor or Sensor Exception
MINOR_CAN_BUS_EXCEPTION	0x42d	CAN Bus Exception
MINOR_CAN_BUS_RESUME	0x42e	CAN Bus Exception Restored
MINOR_GATE_TEMPERATURE_OVERRUN	0x42f	Too High Pedestal Temperature
MINOR_IR_EMITTER_EXCEPTION	0x430	Active Infrared Intrusion Detector Exception
MINOR_IR_EMITTER_RESUME	0x431	Active Infrared Intrusion Detector Restored
MINOR_LAMP_BOARD_COMM_EXCEPTION	0x432	Communication with Light Board Failed
MINOR_LAMP_BOARD_COMM_RESUME	0x433	Communication with Light Board Restored
MINOR_IR_ADAPTOR_COMM_EXCEPTION	0x434	Communication with IR Adaptor Failed
MINOR_IR_ADAPTOR_COMM_RESUME	0x435	Communication with IR Adaptor Restored
MINOR_PRINTER_ONLINE	0x436	Printer Online
MINOR_PRINTER_OFFLINE	0x437	Printer Offline
MINOR_4G_MOUDLE_ONLINE	0x438	4G Module Online
MINOR_4G_MOUDLE_OFFLINE	0x439	4G Module Offline
MINOR_AUXILIARY_BOARD_OFFLINE	0x43c	Auxiliary Board Disconnected
MINOR_AUXILIARY_BOARD_RESUME	0x43d	Auxiliary Board Connected
MINOR_IDCARD_SECURITY_MOUDLE_EXCEPTION	0x43e	Secure ID Card Unit Exception
MINOR_IDCARD_SECURITY_MOUDLE_RE	0x43f	Secure ID Card Unit Restored

Event Minor Type	Value	Description
SUME		
MINOR_FP_PERIPHERAL_EXCEPTION	0x440	Fingerprint Collection Peripheral Exception
MINOR_FP_PERIPHERAL_RESUME	0x441	Fingerprint Collection Peripheral Restored
MINOR_EXTEND_MODULE_ONLINE	0x44d	Extension Module Online
MINOR_EXTEND_MODULE_OFFLINE	0x44e	Extension Module Offline
MINOR_EXCEPTION_CUSTOM1 to MINOR_EXCEPTION_CUSTOM64	0x900 to 0x93f	Access Control: Custom Exception Event 1 to Custom Exception Event 64

MAJOR_OPERATION

Alarm Minor Types	Value	Description
MINOR_LOCAL_LOGIN	0x50	Local Login
MINOR_LOCAL_LOGOUT	0x51	Local Logout
MINOR_LOCAL_UPGRADE	0x5a	Local Upgrade
MINOR_REMOTE_LOGIN	0x70	Remote Login
MINOR_REMOTE_LOGOUT	0x71	Remote Logout
MINOR_REMOTE_ARM	0x79	Remote Arming
MINOR_REMOTE_DISARM	0x7a	Remote Disarming
MINOR_REMOTE_REBOOT	0x7b	Remote Reboot
MINOR_REMOTE_UPGRADE	0x7e	Remote Upgrade
MINOR_REMOTE_CFGFILE_OUTPUT	0x86	Remote Operation: Export Configuration File
MINOR_REMOTE_CFGFILE_INTPUT	0x87	Remote Operation: Import Configuration File
MINOR_REMOTE_ALARMOUT_OPEN_MAN	0xd6	Remote Operation: Enable Alarm Output Manually
MINOR_REMOTE_ALARMOUT_CLOSE_MAN	0xd7	Remote Operation: Disable Alarm Output Manually
MINOR_REMOTE_OPEN_DOOR	0x400	Door Remotely Open

Alarm Minor Types	Value	Description
MINOR_REMOTE_CLOSE_DOOR	0x401	Door Remotely Closed
MINOR_REMOTE_ALWAYS_OPEN	0x402	Remain Open Remotely
MINOR_REMOTE_ALWAYS_CLOSE	0x403	Remain Closed Remotely
MINOR_REMOTE_CHECK_TIME	0x404	Remote: Manual Time Sync
MINOR_NTP_CHECK_TIME	0x405	Network Time Protocol Synchronization
MINOR_REMOTE_CLEAR_CARD	0x406	Remote Operation: Clear All Card No.
MINOR_REMOTE_RESTORE_CFG	0x407	Remote Operation: Restore Defaults
MINOR_ALARMIN_ARM	0x408	Zone Arming
MINOR_ALARMIN_DISARM	0x409	Zone Disarming
MINOR_LOCAL_RESTORE_CFG	0x40a	Local Operation: Restore Defaults
MINOR_REMOTE_CAPTURE_PIC	0x40b	Remote Operation: Capture
MINOR_MOD_NET_REPORT_CFG	0x40c	Edit Network Parameters
MINOR_MOD_GPRS_REPORT_PARAM	0x40d	Edit GPRS Parameters
MINOR_MOD_REPORT_GROUP_PARAM	0x40e	Edit Control Center Parameters
MINOR_UNLOCK_PASSWORD_OPEN_DOOR	0x40f	Enter Dismiss Code
MINOR_AUTO_RENUMBER	0x410	Auto Renumber
MINOR_AUTO_COMPLEMENT_NUMBER	0x411	Auto Supplement Number
MINOR_NORMAL_CFGFILE_INPUT	0x412	Import Configuration File
MINOR_NORMAL_CFGFILE_OUTTPUT	0x413	Export Configuration File
MINOR_CARD_RIGHT_INPUT	0x414	Import Card Permission Parameters
MINOR_CARD_RIGHT_OUTTPUT	0x415	Export Card Permission Parameters
MINOR_LOCAL_USB_UPGRADE	0x416	Upgrade Device via USB flash Drive
MINOR_REMOTE_VISITOR_CALL_LADDER	0x417	Visitor Calling Elevator
MINOR_REMOTE_HOUSEHOLD_CALL_LADDER	0x418	Resident Calling Elevator
MINOR_REMOTE_ACTUAL_GUARD	0x419	Remotely Arming
MINOR_REMOTE_ACTUAL_UNGUARD	0x41a	Remotely Disarming

Alarm Minor Types	Value	Description
MINOR_REMOTE_CONTROL_NOT_CODE_OPER_FAILED	0x41b	Operation Failed: Keyfob Not Pairing
MINOR_REMOTE_CONTROL_CLOSE_DOOR	0x41c	Keyfob Operation: Close Door
MINOR_REMOTE_CONTROL_OPEN_DOOR	0x41d	Keyfob Operation: Open Door
MINOR_REMOTE_CONTROL_ALWAYS_OPEN_DOOR	0x41e	Keyfob Operation: Remain Door Open
MINOR_M1_CARD_ENCRYPT_VERIFY_OPEN	0x41f	M1 Card Encryption Verification Enabled
MINOR_M1_CARD_ENCRYPT_VERIFY_CLOSE	0x420	M1 Card Encryption Verification Disabled
MINOR_NFC_FUNCTION_OPEN	0X421	Opening Door with NFC Card Enabled
MINOR_NFC_FUNCTION_CLOSE	0X422	Opening Door with NFC Card Disabled
MINOR_OFFLINE_DATA_OUTPUT	0x423	Export Offline Collected Data
MINOR_CREATE_SSH_LINK	0x42d	Establish SSH Connection
MINOR_CLOSE_SSH_LINK	0x42e	Disconnect SSH Connection
MINOR_BLUETOOTH_KEY_MODIFY	/	Bluetooth Key Modified
MINOR_OPERATION_CUSTOM1 to MINOR_OPERATION_CUSTOM64	0x900-0x93f	Access Control: Custom Operation Event 1 to Custom Operation Event 64

MAJOR_EVENT

Event Minor Types	Value	Description
MINOR_LEGAL_CARD_PASS	0x01	Valid Card Authentication Completed
MINOR_CARD_AND_PSW_PASS	0x02	Card and Password Authentication Completed
MINOR_CARD_AND_PSW_FAIL	0x03	Card and Password Authentication Failed
MINOR_CARD_AND_PSW_TIMEOUT	0x04	Card and Password Authentication Timed Out

Event Minor Types	Value	Description
MINOR_CARD_AND_PSW_OVER_TIME	0x05	Card and Password Authentication Timed Out
MINOR_CARD_NO_RIGHT	0x06	No Permission
MINOR_CARD_INVALID_PERIOD	0x07	Invalid Card Swiping Time Period
MINOR_CARD_OUT_OF_DATE	0x08	Expired Card
MINOR_INVALID_CARD	0x09	Card No. Not Exist
MINOR_ANTI_SNEAK_FAIL	0x0a	Anti-passing Back Authentication Failed
MINOR_INTERLOCK_DOOR_NOT_CLOSE	0x0b	Interlocking Door Not Closed
MINOR_NOT_BELONG_MULTI_GROUP	0x0c	Card Not in Multiple Authentication Group
MINOR_INVALID_MULTI_VERIFY_PERIOD	0x0d	Card Not in Multiple Authentication Duration
MINOR_MULTI_VERIFY_SUPER_RIGHT_FAIL	0x0e	Multiple Authentications: Super Password Authentication Failed
MINOR_MULTI_VERIFY_REMOTE_RIGHT_FAIL	0x0f	Multiple Authentication Completed
MINOR_MULTI_VERIFY_SUCCESS	0x10	Multiple Authenticated
MINOR_LEADER_CARD_OPEN_BEGIN	0x11	Open Door with First Card Started
MINOR_LEADER_CARD_OPEN_END	0x12	Open Door with First Card Stopped
MINOR_ALWAYS_OPEN_BEGIN	0x13	Remain Open Started
MINOR_ALWAYS_OPEN_END	0x14	Remain Open Stopped
MINOR_LOCK_OPEN	0x15	Door Unlocked
MINOR_LOCK_CLOSE	0x16	Door Locked
MINOR_DOOR_BUTTON_PRESS	0x17	Exit Button Pressed
MINOR_DOOR_BUTTON_RELEASE	0x18	Exit Button Released
MINOR_DOOR_OPEN_NORMAL	0x19	Door Open (Contact)
MINOR_DOOR_CLOSE_NORMAL	0x1a	Door Closed (Contact)
MINOR_DOOR_OPEN_ABNORMAL	0x1b	Door Abnormally Open (Contact)
MINOR_DOOR_OPEN_TIMEOUT	0x1c	Door Open Timed Out (Contact)
MINOR_ALARMOUT_ON	0x1d	Alarm Output Enabled

Event Minor Types	Value	Description
MINOR_ALARMOUT_OFF	0x1e	Alarm Output Disabled
MINOR_ALWAYS_CLOSE_BEGIN	0x1f	Remain Closed Started
MINOR_ALWAYS_CLOSE_END	0x20	Remain Closed Stopped
MINOR_MULTI_VERIFY_NEED_REMOTE_OPEN	0x21	Multiple Authentications: Remotely Open Door
MINOR_MULTI_VERIFY_SUPERPASSWD_VERIFY_SUCCESS	0x22	Multiple Authentications: Super Password Authentication Completed
MINOR_MULTI_VERIFY_REPEAT_VERIFY	0x23	Multiple Authentications: Repeated Authentication
MINOR_MULTI_VERIFY_TIMEOUT	0x24	Multiple Authentications Timed Out
MINOR_DOORBELL_RINGING	0x25	Doorbell Ring
MINOR_FINGERPRINT_COMPARE_PASS	0x26	Fingerprint Matched
MINOR_FINGERPRINT_COMPARE_FAIL	0x27	Fingerprint Mismatched
MINOR_CARD_FINGERPRINT_VERIFY_PASS	0x28	Card and Fingerprint Authentication Completed
MINOR_CARD_FINGERPRINT_VERIFY_FAIL	0x29	Card and Fingerprint Authentication Failed
MINOR_CARD_FINGERPRINT_VERIFY_TIMEOUT	0x2a	Card and Fingerprint Authentication Timed Out
MINOR_CARD_FINGERPRINT_PASSWD_VERIFY_PASS	0x2b	Card and Fingerprint and Password Authentication Completed
MINOR_CARD_FINGERPRINT_PASSWD_VERIFY_FAIL	0x2c	Card and Fingerprint and Password Authentication Failed
MINOR_CARD_FINGERPRINT_PASSWD_VERIFY_TIMEOUT	0x2d	Card and Fingerprint and Password Authentication Timed Out
MINOR_FINGERPRINT_PASSWD_VERIFY_PASS	0x2e	Fingerprint and Password Authentication Completed
MINOR_FINGERPRINT_PASSWD_VERIFY_FAIL	0x2f	Fingerprint and Password Authentication Failed
MINOR_FINGERPRINT_PASSWD_VERIFY_TIMEOUT	0x30	Fingerprint and Password Authentication Timed Out
MINOR_FINGERPRINT_INEXISTENCE	0x31	Fingerprint Not Exists
MINOR_CARD_PLATFORM_VERIFY	0x32	Card Platform Authentication

Event Minor Types	Value	Description
MINOR_CALL_CENTER	0x33	Call Center
MINOR_FIRE_RELAY_TURN_ON_DOOR_ALWAYS_OPEN	0x34	Fire Relay Closed: Door Remains Open
MINOR_FIRE_RELAY_RECOVER_DOOR_RECOVER_NORMAL	0x35	Fire Relay Opened: Door Remains Closed
MINOR_EMPLOYEENO_AND_FP_VERIFY_PASS	0x45	Employee ID and Fingerprint Authentication Completed
MINOR_EMPLOYEENO_AND_FP_VERIFY_FAIL	0x46	Employee ID and Fingerprint Authentication Failed
MINOR_EMPLOYEENO_AND_FP_VERIFY_TIMEOUT	0x47	Employee ID and Fingerprint Authentication Timed Out
MINOR_EMPLOYEENO_AND_FP_AND_PW_VERIFY_PASS	0x48	Employee ID and Fingerprint and Password Authentication Completed
MINOR_EMPLOYEENO_AND_FP_AND_PW_VERIFY_FAIL	0x49	Employee ID and Fingerprint and Password Authentication Failed
MINOR_EMPLOYEENO_AND_FP_AND_PW_VERIFY_TIMEOUT	0x4a	Employee ID and Fingerprint and Password Authentication Timed Out
MINOR_FACE_VERIFY_PASS	0x4b	Face Authentication Completed
MINOR_FACE_VERIFY_FAIL	0x4c	Face Authentication Failed
MINOR_EMPLOYEENO_AND_FACE_VERIFY_PASS	0x4d	Employee ID and Face Authentication Completed
MINOR_EMPLOYEENO_AND_FACE_VERIFY_FAIL	0x4e	Employee ID and Face Authentication Failed
MINOR_EMPLOYEENO_AND_FACE_VERIFY_TIMEOUT	0x4f	Employee ID and Face Authentication Timed Out
MINOR_FACE_RECOGNIZE_FAIL	0x50	Face Recognition Failed
MINOR_FIRSTCARD_AUTHORIZE_BEGIN	0x51	First Card Authorization Started
MINOR_FIRSTCARD_AUTHORIZE_END	0x52	First Card Authorization Ended
MINOR_DOORLOCK_INPUT_SHORT_CIRCUIT	0x53	Lock Input Short Circuit Attempts Alarm
MINOR_DOORLOCK_INPUT_BROKEN_CIRCUIT	0x54	Lock Input Open Circuit Attempts Alarm
MINOR_DOORLOCK_INPUT_EXCEPTION	0x55	Lock Input Exception Alarm

Event Minor Types	Value	Description
MINOR_DOORCONTACT_INPUT_SHORT_CIRCUIT	0x56	Contact Input Short Circuit Attempts Alarm
MINOR_DOORCONTACT_INPUT_BROKEN_CIRCUIT	0x57	Contact Input Open Circuit Attempts Alarm
MINOR_DOORCONTACT_INPUT_EXCEPTION	0x58	Contact Input Exception Alarm
MINOR_OPENBUTTON_INPUT_SHORT_CIRCUIT	0x59	Exit Button Input Short Circuit Attempts Alarm
MINOR_OPENBUTTON_INPUT_BROKEN_CIRCUIT	0x5a	Exit Button Input Open Circuit Attempts Alarm
MINOR_OPENBUTTON_INPUT_EXCEPTION	0x5b	Exit Button Input Exception Alarm
MINOR_DOORLOCK_OPEN_EXCEPTION	0x5c	Unlocking Exception
MINOR_DOORLOCK_OPEN_TIMEOUT	0x5d	Unlocking Timed Out
MINOR_FIRSTCARD_OPEN_WITHOUT_AUTHORIZE	0x5e	Unauthorized First Card Opening Failed
MINOR_CALL_LADDER_RELAY_BREAK	0x5f	Call Elevator Relay Open
MINOR_CALL_LADDER_RELAY_CLOSE	0x60	Call Elevator Relay Closed
MINOR_AUTO_KEY_RELAY_BREAK	0x61	Auto Button Relay Open
MINOR_AUTO_KEY_RELAY_CLOSE	0x62	Auto Button Relay Closed
MINOR_KEY_CONTROL_RELAY_BREAK	0x63	Button Relay Open
MINOR_KEY_CONTROL_RELAY_CLOSE	0x64	Button Relay Closed
MINOR_EMPLOYEENO_AND_PW_PASS	0x65	Employee ID and Password Authentication Completed
MINOR_EMPLOYEENO_AND_PW_FAIL	0x66	Employee ID and Password Authentication Failed
MINOR_EMPLOYEENO_AND_PW_TIMEOUT	0x67	Employee ID and Password Authentication Timed Out
MINOR_HUMAN_DETECT_FAIL	0x68	Human Detection Failed
MINOR_PEOPLE_AND_ID_CARD_COMPARE_PASS	0x69	Person and ID Card Matched
MINOR_PEOPLE_AND_ID_CARD_COMPARE_FAIL	0x70	Person and ID Card Mismatched

Event Minor Types	Value	Description
MINOR_CERTIFICATE_BLOCKLIST	0x71	Blocklist Event
MINOR_LEGAL_MESSAGE	0x72	Valid Message
MINOR_ILLEGAL_MESSAGE	0x73	Invalid Message
MINOR_DOOR_OPEN_OR_DORMANT_FAIL	0x75	Authentication Failed: Door Remain Closed or Door in Sleeping Mode
MINOR_AUTH_PLAN_DORMANT_FAIL	0x76	Authentication Failed: Authentication Schedule in Sleeping Mode
MINOR_CARD_ENCRYPT_VERIFY_FAIL	0x77	Card Encryption Verification Failed
MINOR_SUBMARINEBACK_REPLY_FAIL	0x78	Anti-passing Back Server Response Failed
MINOR_DOOR_OPEN_OR_DORMANT_OPEN_FAIL	0x82	Open Door via Exit Button Failed When Door Remain Closed or in Sleeping Mode
MINOR_DOOR_OPEN_OR_DORMANT_LINKAGE_OPEN_FAIL	0x84	Door Linkage Open Failed During Door Remain Close or Sleeping
MINOR_TRAILING	0x85	Tailgating
MINOR_REVERSE_ACCESS	0x86	Reverse Passing
MINOR_FORCE_ACCESS	0x87	Force Accessing
MINOR_CLIMBING_OVER_GATE	0x88	Climb Over
MINOR_PASSING_TIMEOUT	0x89	Passing Timed Out
MINOR_INTRUSION_ALARM	0x8a	Intrusion Alarm
MINOR_FREE_GATE_PASS_NOT_AUTH	0x8b	Authentication Failed When Free Passing
MINOR_DROP_ARM_BLOCK	0x8c	Barrier Obstructed
MINOR_DROP_ARM_BLOCK_RESUME	0x8d	Barrier Restored
MINOR_PASSWORD_MISMATCH	0x97	Passwords Mismatched
MINOR_EMPLOYEE_NO_NOT_EXIST	0x98	Employee ID Not Exists
MINOR_COMBINED_VERIFY_PASS	0x99	Combined Authentication Completed
MINOR_COMBINED_VERIFY_TIMEOUT	0x9a	Combined Authentication Timed Out
MINOR_VERIFY_MODE_MISMATCH	0x9b	Authentication Type Mismatched
MINOR_BLUETOOTH_VERIFY_PASS	0x9f	Authenticated via Bluetooth

Event Minor Types	Value	Description
MINOR_BLUETOOTH_VERIFY_FAIL	0xa0	Authentication via Bluetooth Failed
MINOR_INFORMAL_M1_CARD_VERIFY_FAIL	0xa2	Authentication Failed: Invalid M1 Card
MINOR_CPU_CARD_ENCRYPT_VERIFY_FAIL	0xa3	Verifying CPU Card Encryption Failed
MINOR_NFC_DISABLE_VERIFY_FAIL	0xa4	Disabling NFC Verification Failed
MINOR_EM_CARD_RECOGNIZE_NOT_ENABLED	0xa8	EM Card Recognition Disabled
MINOR_M1_CARD_RECOGNIZE_NOT_ENABLED	0xa9	M1 Card Recognition Disabled
MINOR_CPU_CARD_RECOGNIZE_NOT_ENABLED	0xaa	CPU Card Recognition Disabled
MINOR_ID_CARD_RECOGNIZE_NOT_ENABLED	0xab	ID Card Recognition Disabled
MINOR_CARD_SET_SECRET_KEY_FAIL	0xac	Importing Key to Card Failed
MINOR_LOCAL_UPGRADE_FAIL	0xad	Local Upgrade Failed
MINOR_REMOTE_UPGRADE_FAIL	0xae	Remote Upgrade Failed
MINOR_REMOTE_EXTEND_MODULE_UPGRADE_SUCC	0xaf	Extension Module is Remotely Upgraded
MINOR_REMOTE_EXTEND_MODULE_UPGRADE_FAIL	0xb0	Upgrading Extension Module Remotely Failed
MINOR_REMOTE_FINGER_PRINT_MODULE_UPGRADE_SUCC	0xb1	Fingerprint Module is Remotely Upgraded
MINOR_REMOTE_FINGER_PRINT_MODULE_UPGRADE_FAIL	0xb2	Upgrading Fingerprint Module Remotely Failed
MINOR_DYNAMICCODE_VERIFY_PASS	0xb3	Dynamic Verification Code Authenticated
MINOR_DYNAMICCODE_VERIFY_FAIL	0xb4	Authentication with Verification Code Failed
MINOR_PASSWD_VERIFY_PASS	0xb5	Password Authenticated
MINOR_FULL_STAFF	0xc1	Number of People Exceeds 90% of Capacity
MINOR_BLUETOOTH_KEY_VERIFY_FAIL	/	Verifying Bluetooth Key Failed

Event Minor Types	Value	Description
MINOR_EVENT_CUSTOM1 to MINOR_EVENT_CUSTOM64	0x500 to 0x53f	Access Control: Custom Event 1 to Custom Event 64