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| 6xx Command/Response Message Codes | | |  |  |
| Hex | **Name** | **Comments** | **Not Encrypted** | **Encrypted** |
| 0x00 | CpuHeartbeat |  |  |  |
| 0x01 | RecalibrateIoCommand1 | Recalibrate |  |  |
| 0x02 | RecalibrateIoCommand2 | Recalibrate |  |  |
| 0x03 | ResponseAck | Load Reader/Schedules/Etc. |  |  |
| 0x04 | ResponseNack |  |  |  |
| 0x05 | EventCardAreaChange | Passback Events between panels |  |  |
| 0x06 | CommandResetCpu | Reset Command (Loop Diags) |  |  |
| 0x07 | ResponseResetCpu | nothing |  |  |
| 0x08 | CommandBeginFlashLoad | Load Flash |  |  |
| 0x09 | EventAlarmIOGroupChange | Input - Output Across Panels |  |  |
| 0x0A | ResponseReaderPortStatus | Reader Device Status |  |  |
| 0x0B | ResponseInputDeviceStatus | Input Device Status |  |  |
| 0x0C | CommandLoadBoardSectionNodeData | Load Reader/Inputs/Outputs |  |  |
| 0x0D | CommandLoadAccessGroupSchedulesForDoor | Load reader access rules |  |  |
| 0x0E | CommandLoadTimeSchedule15MinuteFormat | Load 15 minute time schedule |  |  |
| 0x0F | ResponseCardCommand | Load Cards |  |  |
| 0x10 | CommandLoadStandardCards | Load Cards (Test both standard and extended modes) |  |  |
| 0x11 | CommandDeleteCard | Delete card |  |  |
| 0x12 | CommandLoadAccessGroupSchedule | Load Access Groups |  |  |
| 0x13 | CommandClearTimeSchedules | Load schedules |  |  |
| 0x14 | CommandClearAllUsers | Delete all cards |  |  |
| 0x15 | CommandClearAccessGroupRange | Load Access Groups |  |  |
| 0x16 | CommandLoadAccessGroupsCrisisGroups | Load Access Groups (test crisis mode) |  |  |
| 0x17 | CommandSetDateTime | Ensure log message times are correct |  |  |
| 0x18 | CommandPing | Ping via loop diagnostics |  |  |
| 0x19 | CommandLoad15MinuteScheduleHolidayTable | Load 15 minute holidays |  |  |
| 0x1A | CommandPanelInquire | Get Controller Info |  |  |
| 0x1B | ResponsePanelInquire | Get Controller Info |  |  |
| 0x1C | CommandRequestTotalCardCount | Get Total Card Count |  |  |
| 0x1D | ResponseTotalCardCount | Get Total Card Count |  |  |
| 0x1E | InternalPanelRecalibrateEvent | Recalibrate |  |  |
| 0x1F | PanelRecalibrateComplete | Recalibrate |  |  |
| 0x21 | CommandUnlockDoor | Door Unlock Command |  |  |
| 0x22 | CommandLockDoor | Lock Door Command |  |  |
| 0x23 | CommandDisableDoor | Disable Door Command |  |  |
| 0x24 | CommandEnableDoor | Enable Door Command |  |  |
| 0x25 | CommandPulseDoor | Pulse Command |  |  |
| 0x26 | CommandUnlockDoorGroup | Door Group Commands |  |  |
| 0x27 | CommandLockDoorGroup | Door Group Commands |  |  |
| 0x28 | CommandDisableDoorGroup | Door Group Commands |  |  |
| 0x29 | CommandEnableDoorGroup | Door Group Commands |  |  |
| 0x2A | CommandRelay2Off | Turn R2 off (door command) |  |  |
| 0x2B | CommandRequestReaderPortStatus | Reader Device Status |  |  |
| 0x2D | CommandRelay2On | Turn R2 on (door command) |  |  |
| 0x2E | CommandSetLedTemporaryState | nothing |  |  |
| 0x30 | CommandShuntIOGroup | IO Group Commands |  |  |
| 0x31 | CommandUnshuntIOGroup | IO Group Commands |  |  |
| 0x32 | CommandDisableInput | Input Commands |  |  |
| 0x33 | CommandEnableInput | Input Commands |  |  |
| 0x34 | CommandArmIOGroup | IO Group Commands |  |  |
| 0x35 | CommandDisarmIOGroup | IO Group Commands |  |  |
| 0x36 | CommandShuntInput | Input Commands |  |  |
| 0x37 | CommandUnshuntInput | Input Commands |  |  |
| 0x38 | CommandRequestInputStatus | Input Device Status |  |  |
| 0x3C | ResponseInputVoltages | DIO Input Voltages |  |  |
| 0x40 | CommandOutputOn | Output Commands |  |  |
| 0x41 | CommandOutputOff | Output Commands |  |  |
| 0x42 | CommandOutputEnable | Output Commands |  |  |
| 0x43 | CommandOutputDisable | Output Commands |  |  |
| 0x48 | CommandRequestOutputStatus | Output Device Status |  |  |
| 0x49 | ResponseReaderPortOutputStatus | Output Device Status - can't test |  |  |
| 0x4A | ResponseOutputRelayModuleOutputStatus | Output Device Status -Relay Board Outputs |  |  |
| 0x4B | ResponseAlarmMonitoringModuleGeneralPurposeIOOutputStatus | Output Device Status - DIO Relays |  |  |
| 0x4C | ResponseElevatorModuleOutputStatus | Elevator Relay Output Device Status |  |  |
| 0x50 | CommandElevatorPulse | Elevator Commands |  |  |
| 0x51 | CommandElevatorEarlyOn | Elevator Commands |  |  |
| 0x52 | CommandElevatorEarlyOff | Elevator Commands |  |  |
| 0x53 | CommandElevatorCancelEarlyOn | Elevator Commands |  |  |
| 0x54 | CommandElevatorCancelEarlyOff | Elevator Commands |  |  |
| 0x55 | ResponseElevatorCommand | Elevator Commands |  |  |
| 0x57 | CommandLoadPersonalDoors | Load Personal Door (Test mulitple doors on multiple panels, including High # panels ( 256 - 65535) |  |  |
| 0x60 | ActivityLogMessage | Basic log message |  |  |
| 0x61 | CommandLoggingSetOnOff | Start/Stop Logging via Loop Diagnostics |  |  |
| 0x62 | CommandLoggingResetPointers | Clear Buffer command |  |  |
| 0x63 | CommandLoggingAcknowledgeToMessageIndex | Log buffer counter will reset when this is sent |  |  |
| 0x65 | CommandSignOnChallenge | If panel authenticates, this is working |  |  |
| 0x66 | ResponseSignOnChallenge | If panel authenticates, this is working |  |  |
| 0x67 | CommandRequestConnectedBoardInformation | Get board info |  |  |
| 0x68 | ResponseSignOnDenied | Can't easily test |  |  |
| 0x6A | CommandLoadTimeAdjustment | don’t worry about this |  |  |
| 0x6D | CommandSetCardLoadAcknowledgePanel | don’t worry about this |  |  |
| 0x6E | CommandRequestLoggingInformation | Get Logging Info |  |  |
| 0x6F | ResponseRequestLoggingInformation | Get Logging Info |  |  |
| 0x70 | CommandLoadTamperAcFailureLowBattery | Load Controller Settings |  |  |
| 0x71 | CommandLoadABAOptions | Load Global Settings |  |  |
| 0x72 | CommandLoadLockoutOptions | Load Global Settings |  |  |
| 0x74 | CommandForgivePassbackCard | Forgive Passback for specific card |  |  |
| 0x75 | CommandForgivePassbackEverybody | Forgive ALL passback |  |  |
| 0x76 | CommandRecalibrate | Manually recalibate |  |  |
| 0x77 | CommandCardEnable | Enable Card Command |  |  |
| 0x78 | CommandCardDisable | Disable Card Command |  |  |
| 0x79 | CommandSetUserAuthority | don’t worry about this |  |  |
| 0x7B | CommandLoadLedOptions | Load Global Settings |  |  |
| 0x7C | CommandLoadCrisisModeIOGroup | Load Global Settings |  |  |
| 0x7D | CommandResetCrisisMode | Clear Crisis Mode |  |  |
| 0x7E | CommandSetCrisisMode | Activate Crisis Mode |  |  |
| 0x7F | CommandLoadWiegandStartStopSettings | Load Global Settings |  |  |
| 0x8E | CommandLoad15MinuteScheduleHolidays | Load Holidays 15 minute schedule |  |  |
| 0x8F | CommandLoadCardaxStartStopSettings | Load Global Settings |  |  |
| 0x94 | CommandGetIOGroupCounters | don’t worry about this |  |  |
| 0x95 | ResponseIOGroupCounters | don’t worry about this |  |  |
| 0x96 | NotificationCounterBelowZero | don’t worry about this |  |  |
| 0x9B | NotificationEventPreviousStateInvalid | don’t worry about this |  |  |
| 0x9C | NotificationEventNewStateInvalid | don’t worry about this |  |  |
| 0xA0 | NotificationEventIOLevel | Internal event issued when input changes state (must be mapped to IO group) |  |  |
| 0xA1 | CommandLoadIOGroupArmSchedule | don’t worry about this |  |  |
| 0xA2 | NotificationInputOutputGroupBitsRepaired | don’t worry about this |  |  |
| 0xA3 | CommandInitializeBoardSection | Load Reader/Inputs/Outputs |  |  |
| 0xA4 | NotificationEventIOPulse | Internal event issued when input changes state (must be mapped to IO group) |  |  |
| 0xA5 | NotificationEventRecalibrate | Internal event issued when inputs are recalibrated |  |  |
| 0xA6 | CommandBeginFlashLoadEz80 | Load flash |  |  |
| 0xA7 | CommandLoadFlashPacketEz80 | Load flash |  |  |
| 0xA8 | CommandValidateFlashEz80 | Validate only flash |  |  |
| 0xA9 | CommandValidateThenBurnFlashEz80 | Validate and burn flash |  |  |
| 0xAA | CommandLoadEZ80PrimaryLoopDelays | obsolete |  |  |
| 0xAB | LoadAccessGroupCrisisGroup | Load crisis data for specific access group ( Edit Apply access group) |  |  |
| 0xAD | NotificationCardNotInPanelMemory | Issued by panel when unlimited card feature is enabled an a not in system card is read |  |  |
| 0xAE | CommandSetServerConsultationOptions | Access rule override enabled and timeout value |  |  |
| 0xAF | NotificationCardHasBeenRead | Used to trigger LCD message for a person |  |  |
| 0xB0 | NotificationCardRemoteAccessRuleOverride | Access rule override message from panel |  |  |
| 0xB1 | CommandLoadMinuteScheduleDayTypes | Load 1 minute day types |  |  |
| 0xB2 | CommandLoadMinuteScheduleTimePeriod | Load 1 minute time periods |  |  |
| 0xB3 | CommandLoadMinuteScheduleTimePeriodsForDayType | Load 1 minute schedules |  |  |
| 0xB4 | CommandCardRemoteAccessRuleOverrideReply | Access rule override answer from event server to pc |  |  |
| 0xB6 | CommandBeginFlashLoad635 | Load flash |  |  |
| 0xB7 | CommandLoadFlashPacket635 | Load flash |  |  |
| 0xB8 | CommandValidateFlash635 | Load flash |  |  |
| 0xB9 | CommandValidateThenBurnFlash635 | Load flash |  |  |