



Message Structure & Constants

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General Message Format

General Message Format

Commands

```
<Command id="?" requestId="?" version="?" answerRecipient="?" deviceId="?" serviceId="?"
logicalId="?">
  <Field1>value1</Field1>
  <Field2>value2</Field2>
  ...
  <Field3>value3</Field3>
</Command>
```

- **id**

Command Identification Constant. It can be followed by a description of the command, separated by comma i.e.: *id="0x7060015,XPEAK_COMMAND_INITIALIZE"*

- **requestId**

Sequential number to identify the answer. The answer of this command will include the same requestId

- **version**

Version of the command. Each command can have any number of versions, so the Service can proceed depending on it i.e.: *version="0x706"*

- **answerRecipient**

This field can vary depending on the Xpeak Server used. Indicates where the answer must be sent. For example, a Socket Xpeak Server will need the IP address and PORT. i.e.: *answerRecipient="192.168.2.7:9003"*

- **deviceId**

Identifies the Xpeak Device to use. It has 3 parts separated by '-': Manufacturer, Type and Model i.e.: *deviceId="Acme-Card-Swing"* or *deviceId="Olivetti-Printer-PR2"*

- **serviceId**

Each device can have any number of services. For example, a PinPad device can include a Card Reader, a Display, a Keyboard, etc. i.e.: *serviceId="CardGuideLight"* or *serviceId="Printer"*

- **logicalId**

When an application uses the same service of the same device more than once at a time (for example 2 chip card readers), it needs to name them in a different way i.e.: *logicalId="MyChip1"*

Answers

```
<Answer id="?" requestId="?" version="?" deviceId="?" serviceId="?" logicalId="?">
  <Field1>value1</Field1>
  <Field2>value2</Field2>
  ...
  <Field3>value3</Field3>
</Answer>
```

The Answer structure is the same as the Command one, except the answerRecipient field that, obviously, is not needed

Events

```
<Event id="?" version="?" deviceId="?" serviceId="?" logicalId="?">
  <Field1>value1</Field1>
  <Field2>value2</Field2>
  ...
  <Field3>value3</Field3>
</Event>
```

The Event structure is the same as the Answer one, except the requestId field that is not included

Traces

```
<Trace version="?" deviceId="?" serviceId="?" logicalId="?" level="?" timestamp="?" data="?">
</Trace>
```

- **version**
- **deviceId**
- **serviceId**
- **logicalId**

See Commands

- **level**

Indicates the level corresponding to this trace info. Possible values are:

- "0x07060012[,TRACE_LEVEL_PROTOCOL]"
- "0x0706002F[,TRACE_LEVEL_CONNECTION]"
- "0x07060013[,TRACE_LEVEL_SERVICE]"
- "0x07060014[,TRACE_LEVEL_DEBUG]"

- **timestamp**

Returns the number of milliseconds since January 1, 1970, 00:00:00 GMT

- **data**

Contains the trace data, encoded using Base64 algorithm

Errors

<Error version="?" deviceId="?" serviceId="?" logicalId="?" level="?" severity="?" timestamp="?" description="?"> </Error>

- **version**

- **deviceId**

- **serviceId**

- **logicalId**

See Commands

- **timestamp**

Returns the number of milliseconds since January 1, 1970, 00:00:00 GMT

- **severity**

Possible values are:

- "0x07060028[,ERROR_SEVERITY_WARNING]"
- "0x07060029[,ERROR_SEVERITY_FATAL]"
- "0x0706002A[,ERROR_SEVERITY_SOFTWARE_RECOVERABLE]"
- "0x0706002B[,ERROR_SEVERITY_OPERATOR_RECOVERABLE]"

- **level**

Possible values are:

- "0x0706002C[,ERROR_LEVEL_GENERIC]"
- "0x0706002D[,ERROR_LEVEL_SERVICE]"
- "0x0706002E[,ERROR_LEVEL_CONNECTION]"

- **error**

This is the vendor error code

- **description**

Contains the vendor error description, encoded using Base64 algorithm

Field Types

- **String**

```
<MyString>  
  String data value  
</MyString>
```

- **int**

```
<MyInt1>  
  123  
</MyInt1>
```

```
<MyInt2>  
  0x7B  
</MyInt2>
```

- **long**

```
<MyLong1>  
  456  
</MyLong1>
```

```
<MyLong2>  
  0x1C8  
</MyLong2>
```

- **double**

```
<MyDouble>  
  789.12  
</MyDouble>
```

- **boolean**

```
<MyBoolean1>  
  no  
</MyBoolean1>
```

```
<MyBoolean2>  
  yes  
</MyBoolean2>
```

- **Constant**

Indicates a value of one of the Xpeak constants

```
<MyConstant1 type="constant">  
    0x0706002F  
</MyConstant1>
```

```
<MyConstant2 type="constant">  
    0x0706002F,TRACE_LEVEL_CONNECTION  
</MyConstant2>
```

- **Color**

An integer value specifying the RGB of the color

```
<MyColor1 type="color">  
    0x123456  
</MyColor1>
```

```
<MyColor2 type="color">  
    1193046  
</MyColor2>
```

- **Base64**

The field is encoded using Base64 algorithm. The following example is a Base64 field of an array of 3 bytes with values 49, 50 and 51

```
<MyBase64 type="base64">  
    MTIz  
</MyBase64>
```

- **Unicode**

The string field containing unicode characters (double byte) is encoded using Base64 algorithm. The following example is a Unicode field of the 3 characters length String "123"

```
<MyUnicode type="unicode">  
    ADEAMgAz  
</MyUnicode>
```

- **Structs**

All structs are identified by a name

```
<Struct name="MyStruct">
```

```
  <Field1>  
    value1  
  </Field1>
```

```
  <Field2>  
    value2  
  </Field2>
```

...

```
  <FieldN>  
    valueN  
  </FieldN>  
</Struct>
```

- **Arrays**

If a field is define as an array (i.e.: int Levels[]), the XML will include as many fields labeled with the array name as needed

```
<Level>  
  100  
</Level>
```

```
<Level>  
  400  
</Level>
```

CONSTANTS

XPEAK_RESULT_OK	0x7060001
XPEAK_RESULT_TIMEOUT	0x7060002
XPEAK_RESULT_DISABLED	0x7060173
XPEAK_RESULT_COMMAND_NOT_SUPPORTED	0x706001D
XPEAK_RESULT_VERSION_NOT_SUPPORTED	0x706001F
XPEAK_RESULT_INVALID_PARAMETER	0x706003A
XPEAK_RESULT_NOT_INITIALIZED	0x7060057
XPEAK_RESULT_BUSY	0x7060058
XPEAK_RESULT_HARDWARE_ERROR	0x7060059
XPEAK_RESULT_USER_ACTION_ERROR	0x706005A
XPEAK_RESULT_CONNECTION_ERROR	0x706005B
XPEAK_RESULT_MEDIA_NOT_PRESENT	0x706005C
XPEAK_RESULT_MEDIA_JAMMED	0x706005D
XPEAK_RESULT_MEDIA_INSERTED	0x7060060
XPEAK_RESULT_MEDIA_TAKEN	0x7060062
XPEAK_RESULT_CAPTURE_BIN_FULL	0x7060050
XPEAK_RESULT_SHUTTER_ERROR	0x7060061
XPEAK_RESULT_INVALID_DATA	0x7060098
XPEAK_RESULT_NOT_ENOUGH_SPACE	0x7060099
XPEAK_RESULT_SEQUENCE_ERROR	0x706009A
XPEAK_RESULT_SOFTWARE_ERROR	0x70600C2
XPEAK_RESULT_VALUE_CHANGED	0x70600E0
XPEAK_RESULT_COMMAND_ERROR	0x7060143
XPEAK_RESULT_END_OF_MEDIA	0x7060160
XPEAK_RESULT_TRACK_OK	0x7060038
XPEAK_RESULT_TRACK_FAILURE	0x7060032
XPEAK_RESULT_TRACK_NOT_SUPPORTED	0x7060033
XPEAK_RESULT_TRACK_PARITY_ERROR	0x7060034
XPEAK_RESULT_TRACK_EOF	0x7060035
XPEAK_RESULT_TRACK_NO_STRIPE	0x7060036
XPEAK_RESULT_TRACK_NOT_REQUESTED	0x7060037
XPEAK_RESULT_ITEMS_JAMMED	0x706009B
XPEAK_RESULT_CASH_UNIT_NOT_EMPTY	0x706009C
XPEAK_RESULT_ITEMS_TAKEN	0x70600BC
XPEAK_RESULT_ITEMS_INSERTED	0x70600BE
XPEAK_RESULT_ITEMS_NOT_PRESENT	0x70600C6
XPEAK_RESULT_CASH_UNIT_FULL	0x70600C9
XPEAK_RESULT_CASH_UNIT_EMPTY	0x70600CA
XPEAK_RESULT_CASH_NOT_DISPENSABLE	0x70600CB
XPEAK_RESULT_ITEMS_IN_OUTPUT	0x706013C
XPEAK_RESULT_OPERATION_STOPPED	0x70601CC
XPEAK_RESULT_CLAIMED	0x7060163
XPEAK_RESULT_CONTROL_KEY_PRESSED	0x7060107

XPEAK_RESULT_CHARACTER_KEY_PRESSED	0x706010C
XPEAK_RESULT_INVALID_KEY	0x7060119
XPEAK_RESULT_KEY_NOT_FOUND	0x706011A
XPEAK_RESULT_KEY_ALREADY_EXIST	0x7060134
XPEAK_RESULT_NO_TYPED_PIN	0x7060135
XPEAK_RESULT_NO_TYPED_KEY	0x7060138
XPEAK_RESULT_WRONG_TYPED_PIN	0x7060136
XPEAK_RESULT_WRONG_TYPED_KEY	0x7060139
XPEAK_RESULT_LOAD_MANUAL_KEY_NOT_STARTED	0x7060137
XPEAK_RESULT_DATA_READ	0x7060142
XPEAK_RESULT_CALIBRATION_COMPLETED	0x11030002
XPEAK_RESULT_AREA_PRESSED	0x1207000A
XPEAK_RESULT_PEN_PRESSED	0x1207000B
XPEAK_RESULT_DEVICE_CONNECTED	0x1207000C
XPEAK_RESULT_DEVICE_DISCONNECTED	0x1207000D
XPEAK_RESULT_SESSION_ENDED	0x1207000E
XPEAK_RESULT_PIN_ERROR	0x1207000F
XPEAK_RESULT_PIN_CANCELED	0x12070010
XPEAK_RESULT_PIN_TIMEOUT	0x120700AA
XPEAK_RESULT_PIN_BLOCKED	0x120700AB
XPEAK_RESULT_INVALID_PIN	0x12070013
XPEAK_RESULT_INVALID_SIGNATURE	0x12070014
XPEAK_RESULT_INVALID_CARD	0x12110014
XPEAK_RESULT_INVALID_BOX	0x12110015
XPEAK_STATUS_WORKING	0x706003C
XPEAK_STATUS_BUSY	0x706003F
XPEAK_STATUS_HARDWARE_ERROR	0x7060040
XPEAK_STATUS_USER_ACTION_ERROR	0x7060041
XPEAK_STATUS_CONNECTION_ERROR	0x7060042
XPEAK_STATUS_MEDIA_JAMMED	0x7060048
XPEAK_STATUS_MEDIA_PRESENT	0x706005E
XPEAK_STATUS_MEDIA_NOT_PRESENT	0x706005F
XPEAK_STATUS_CAPTURED_BIN_HIGH	0x706004E
XPEAK_STATUS_CAPTURED_BIN_FULL	0x706004F
XPEAK_STATUS_PAPER_FINISHED	0x7060095
XPEAK_STATUS_PAPER_ALMOST_FINISHED	0x7060096
XPEAK_STATUS_SHUTTER_ERROR	0x7060097
XPEAK_STATUS_CASH_UNIT_ERROR	0x70600B7
XPEAK_STATUS_RESET_REQUIRED	0x70600B8
XPEAK_STATUS_ITEMS_JAMMED	0x70600B9
XPEAK_STATUS_ITEMS_IN_OUTPUT	0x70600BA
XPEAK_STATUS_ITEMS_IN_INPUT	0x70600BB
XPEAK_STATUS_SAFE_DOOR_OPEN	0x7060174
XPEAK_STATUS_CALIBRATION_NEEDED	0x11030003

XPEAK_UNIT_STATUS_OK	0x70600B0
XPEAK_UNIT_STATUS_HIGH	0x70600B1
XPEAK_UNIT_STATUS_FULL	0x70600B2
XPEAK_UNIT_STATUS_LOW	0x70600B3
XPEAK_UNIT_STATUS_EMPTY	0x70600B4
XPEAK_UNIT_STATUS_INOPERATIVE	0x70600B5
XPEAK_COMMAND_GET_SERVICES	0x7060003
XPEAK_COMMAND_ADD_ERROR_LISTENER	0x7060027
XPEAK_COMMAND_EXIT_SERVER	0x70600DD
XPEAK_COMMAND_IS_ALIVE	0x706016E
XPEAK_COMMAND_RESET	0x7060004
XPEAK_COMMAND_GET_STATUS	0x7060051
XPEAK_COMMAND_ADD_TRACE_LISTENER	0x7060011
XPEAK_COMMAND_ADD_EVENT_LISTENER	0x7060030
XPEAK_COMMAND_INITIALIZE	0x7060015
XPEAK_COMMAND_SHUTDOWN	0x7060063
XPEAK_COMMAND_SET_CONFIGURATION	0x7060016
XPEAK_COMMAND_GET_CONFIGURATION	0x7060020
XPEAK_COMMAND_GET_CAPABILITIES	0x7060017
XPEAK_COMMAND_GET_COMMANDS	0x7060064
XPEAK_COMMAND_ENABLE_INSERT	0x7060018
XPEAK_COMMAND_DISABLE_INSERT	0x7060019
XPEAK_COMMAND_MAGNETIC_READ	0x706001A
XPEAK_COMMAND_MAGNETIC_WRITE	0x7060052
XPEAK_COMMAND_EJECT	0x7060039
XPEAK_COMMAND_RESET_CAPTURE_BIN_COUNT	0x70600D1
XPEAK_COMMAND_TURN_PAGE	0x7060169
XPEAK_COMMAND_GET_PAGE_NUMBER	0x706016C
XPEAK_COMMAND_GET_LAST_PRINTED_LINE	0x706016D
XPEAK_COMMAND_CHIP_POWER	0x70600CD
XPEAK_COMMAND_CHIP_INPUT_OUTPUT	0x70600CE
XPEAK_COMMAND_SET_VALUE	0x70600C0
XPEAK_COMMAND_GET_VALUE	0x70600C1
XPEAK_COMMAND_ENABLE_EVENTS	0x70600DE
XPEAK_COMMAND_DISABLE_EVENTS	0x70600DF
XPEAK_COMMAND_GET_CASH_UNITS	0x706009D
XPEAK_COMMAND_SET_CASH_UNITS	0x706009E
XPEAK_COMMAND_COUNT	0x706009F
XPEAK_COMMAND_END_COUNT	0x70600A0
XPEAK_COMMAND_DEPOSIT	0x70600A1
XPEAK_COMMAND_ACCEPT_DEPOSIT	0x70600A2
XPEAK_COMMAND_CANCEL_DEPOSIT	0x70600A3
XPEAK_COMMAND_DISPENSE	0x70600A4
XPEAK_COMMAND_PRESENT	0x70600A5
XPEAK_COMMAND_RETRACT	0x70600A6

XPEAK_COMMAND_SET_CATEGORIES_DESTINATION	0x70600BF
XPEAK_COMMAND_GET_CATEGORIES_DESTINATION	0x70600CC
XPEAK_COMMAND_START_EMPTY	0x7060144
XPEAK_COMMAND_EMPTY	0x70600D7
XPEAK_COMMAND_END_EMPTY	0x7060145
XPEAK_COMMAND_START_MANUAL_MAINTENANCE	0x70600D8
XPEAK_COMMAND_END_MANUAL_MAINTENANCE	0x70600D9
XPEAK_COMMAND_GET_ALARM	0x70600DA
XPEAK_COMMAND_SET_ALARM	0x70600DB
XPEAK_COMMAND_REJECT	0x70600DC
XPEAK_COMMAND_GET_REJECTED_ITEMS	0x706013B
XPEAK_COMMAND_OPEN_SAFE_DOOR	0x7060161
XPEAK_COMMAND_SET_SECURITY_ACCESS_DATA	0x7060165
XPEAK_COMMAND_FACE	0x706016F
XPEAK_COMMAND_SEPARATE_DENOMINATIONS	0x7060170
XPEAK_COMMAND_END_FACE	0x7060171
XPEAK_COMMAND_END_SEPARATE_DENOMINATIONS	0x7060172
XPEAK_COMMAND_PRINT	0x70600D2
XPEAK_COMMAND_PRINT_TEXT	0x70600E8
XPEAK_COMMAND_LOAD_GRAPHIC	0x70600D3
XPEAK_COMMAND_DELETE_GRAPHICS	0x70600D4
XPEAK_COMMAND_GET_GRAPHICS_LOADED	0x70600D5
XPEAK_COMMAND_ACTION	0x70600D6
XPEAK_COMMAND_CLAIM	0x7060043
XPEAK_COMMAND_RELEASE	0x7060044
XPEAK_COMMAND_CANCEL_CLAIM	0x7060164
XPEAK_COMMAND_CLEAR	0x70600E1
XPEAK_COMMAND_CLEAR_AREA	0x70600E2
XPEAK_COMMAND_WRITE	0x70600E3
XPEAK_COMMAND_SET_RESOLUTION	0x70600E4
XPEAK_COMMAND_GET_RESOLUTION	0x70600E7
XPEAK_COMMAND_READ	0x7060106
XPEAK_COMMAND_CANCEL_READ	0x706013D
XPEAK_COMMAND_CALIBRATE	0x11030001
XPEAK_COMMAND_READ_MULTI	0x13040004
XPEAK_COMMAND_CREATE_PIN_BLOCK	0x706010E
XPEAK_COMMAND_VALIDATE_PIN	0x706010F
XPEAK_COMMAND_ENCRYPT	0x7060110
XPEAK_COMMAND_DECRYPT	0x7060111
XPEAK_COMMAND_LOAD_KEY	0x7060112
XPEAK_COMMAND_DELETE_KEYS	0x7060113
XPEAK_COMMAND_GENERATE_MAC	0x7060114
XPEAK_COMMAND_GET_KEYS_LOADED	0x7060115
XPEAK_COMMAND_GET_SERIAL_NUMBER	0x7060116
XPEAK_COMMAND_LOAD_MANUAL_KEY_START	0x7060117
XPEAK_COMMAND_LOAD_MANUAL_KEY_END	0x7060118

XPEAK_COMMAND_PLAY	0x7060146
XPEAK_COMMAND_SPEAK	0x7060147
XPEAK_COMMAND_LOAD_AUDIO	0x7060148
XPEAK_COMMAND_DELETE_AUDIOS	0x7060149
XPEAK_COMMAND_GET_AUDIOS_LOADED	0x706014A
XPEAK_COMMAND_CREATE	0x706014B
XPEAK_COMMAND_SET_VOLUME	0x706014C
XPEAK_COMMAND_GET_VOLUME	0x706014D
XPEAK_COMMAND_STOP	0x706015F
XPEAK_COMMAND_NAVIGATE	0x7060166
XPEAK_COMMAND_CLOSE	0x7060168
XPEAK_COMMAND_CAPTURE_IMAGE	0x7060179
XPEAK_COMMAND_CAPTURE_IMAGE_MULTI	0x7060180
XPEAK_COMMAND_TAKE_PICTURE	0x11010001
XPEAK_COMMAND_START_RECORDING_VIDEO	0x11010002
XPEAK_COMMAND_STOP_RECORDING_VIDEO	0x11010003
XPEAK_COMMAND_CLEAR_SCREEN	0x12070002
XPEAK_COMMAND_ENABLE_SIGNATURE	0x12070003
XPEAK_COMMAND_DISABLE_SIGNATURE	0x12070004
XPEAK_COMMAND_GET_SIGNATURE	0x12070005
XPEAK_COMMAND_SET_BACKGROUND_IMAGE	0x12070007
XPEAK_COMMAND_GET_CONNECTED_DEVICES	0x12070018
XPEAK_COMMAND_ENABLE_CONNECTION_EVENTS	0x12070019
XPEAK_COMMAND_DISABLE_CONNECTION_EVENTS	0x1207001A
XPEAK_COMMAND_GET_IDENTIFICATION	0x1207001B
XPEAK_COMMAND_GET_ADDRESS	0x12070022
XPEAK_COMMAND_GET_PICTURES	0x12070023
XPEAK_COMMAND_CHANGE_PIN	0x1207001D
XPEAK_COMMAND_VERIFY_PIN	0x1207001E
XPEAK_COMMAND_GET_PINS	0x1207001F
XPEAK_COMMAND_GET_CERTIFICATES	0x12070020
XPEAK_COMMAND_SIGN	0x12070021
XPEAK_COMMAND_START_SESSION	0x12070030
XPEAK_COMMAND_END_SESSION	0x12070031
XPEAK_COMMAND_PUP_READ_TRACK2	0x12110001
XPEAK_COMMAND_PUP_GET_PIN	0x12110002
XPEAK_COMMAND_PUP_SEND	0x12110003
XPEAK_COMMAND_PUP_RECEIVE	0x12110004
XPEAK_SERVICE_TYPE_DISPLAY	0x7060005
XPEAK_SERVICE_TYPE_CARD	0x7060006
XPEAK_SERVICE_TYPE_CASH	0x7060007
XPEAK_SERVICE_TYPE_KEYBOARD	0x7060008
XPEAK_SERVICE_TYPE_INDICATOR	0x7060009
XPEAK_SERVICE_TYPE_DOOR	0x706000A
XPEAK_SERVICE_TYPE_SENSOR	0x706000B

XPEAK_SERVICE_TYPE_CHECK	0x706000C
XPEAK_SERVICE_TYPE_PRINTER	0x706000D
XPEAK_SERVICE_TYPE_DEPOSIT	0x706000E
XPEAK_SERVICE_TYPE_MUTEX	0x706000F
XPEAK_SERVICE_TYPE_BARCODE	0x7060010
XPEAK_SERVICE_TYPE_SECURITY	0x7060121
XPEAK_SERVICE_TYPE_AUDIO	0x7060162
XPEAK_SERVICE_TYPE_BROWSER	0x7060167
XPEAK_SERVICE_TYPE_SCANNER	0x706017A
XPEAK_SERVICE_TYPE_CAMERA	0x11010000
XPEAK_SERVICE_TYPE_FINGERPRINT	0x12020001
XPEAK_SERVICE_TYPE_SIGNATURE	0x12070001
XPEAK_SERVICE_TYPE_ID	0x12070011
XPEAK_SERVICE_TYPE_USB	0x12070012
XPEAK_SERVICE_TYPE_PUP	0x14110001
XPEAK_TRACE_LEVEL_PROTOCOL	0x7060012
XPEAK_TRACE_LEVEL_CONNECTION	0x706002F
XPEAK_TRACE_LEVEL_SERVICE	0x7060013
XPEAK_TRACE_LEVEL_DEBUG	0x7060014
XPEAK_FIELD_TYPE_BOOLEAN	0x7060021
XPEAK_FIELD_TYPE_STRING	0x7060022
XPEAK_FIELD_TYPE_INTEGER	0x7060023
XPEAK_FIELD_TYPE_INTEGER_HEXADECIMAL	0x7060026
XPEAK_FIELD_TYPE_DOUBLE	0x7060024
XPEAK_FIELD_TYPE_CHARACTER	0x7060025
XPEAK_FIELD_TYPE_LONG	0x7060054
XPEAK_FIELD_TYPE_BASE64	0x7060055
XPEAK_FIELD_TYPE_COLOR	0x7060056
XPEAK_FIELD_TYPE_UNICODE	0x70600E9
XPEAK_FIELD_TYPE_STRING_TABLE	0x70600EA
XPEAK_ERROR_SEVERITY_WARNING	0x7060028
XPEAK_ERROR_SEVERITY_SOFTWARE_RECOVERABLE	0x7060029
XPEAK_ERROR_SEVERITY_OPERATOR_RECOVERABLE	0x706002A
XPEAK_ERROR_SEVERITY_FATAL	0x706002B
XPEAK_ERROR_LEVEL_GENERIC	0x706002C
XPEAK_ERROR_LEVEL_SERVICE	0x706002D
XPEAK_ERROR_LEVEL_CONNECTION	0x706002E
XPEAK_CARD_TYPE_DIP	0x7060031
XPEAK_CARD_TYPE_SWIPE	0x70600C4
XPEAK_CARD_TYPE_MOTOR	0x70600C5
XPEAK_CARD_CHIP_POWER_ON	0x70600CF
XPEAK_CARD_CHIP_POWER_OFF	0x70600D0

XPEAK_CHECK_TYPE_SWIPE	0x706013E
XPEAK_CHECK_TYPE_MOTOR	0x706013F
XPEAK_CHECK_FONT_MICR	0x7060140
XPEAK_CHECK_FONT_OCR	0x7060141
XPEAK_PRINTER_ACTION_SKIP	0x7060065
XPEAK_PRINTER_ACTION_FLUSH	0x7060066
XPEAK_PRINTER_ACTION_PARTIAL_CUT	0x7060067
XPEAK_PRINTER_ACTION_CUT	0x7060068
XPEAK_PRINTER_ACTION_STACK	0x7060069
XPEAK_PRINTER_ALIGNMENT_LEFT	0x706006A
XPEAK_PRINTER_ALIGNMENT_RIGHT	0x706006B
XPEAK_PRINTER_ALIGNMENT_CENTER	0x706006C
XPEAK_PRINTER_ALIGNMENT_TOP	0x706006D
XPEAK_PRINTER_ALIGNMENT_BOTTOM	0x706006E
XPEAK_PRINTER_ALIGNMENT_JUSTIFY	0x7060094
XPEAK_PRINTER_SCALING_NONE	0x706006F
XPEAK_PRINTER_SCALING_ADJUST	0x7060070
XPEAK_PRINTER_SCALING_ADJUST_PROPORTIONAL	0x7060071
XPEAK_PRINTER_FRAME_SINGLE	0x7060072
XPEAK_PRINTER_FRAME_DOUBLE	0x7060073
XPEAK_PRINTER_FRAME_DOTTED	0x7060074
XPEAK_PRINTER_OVERFLOW_ERROR	0x7060075
XPEAK_PRINTER_OVERFLOW_TRUNCATE	0x7060076
XPEAK_PRINTER_SIDE_FRONT	0x7060077
XPEAK_PRINTER_SIDE_BACK	0x7060078
XPEAK_PRINTER_ORIENTATION_PORTRAIT	0x7060079
XPEAK_PRINTER_ORIENTATION_LANDSCAPE	0x706007A
XPEAK_PRINTER_STYLE_NORMAL	0x706007B
XPEAK_PRINTER_STYLE_BOLD	0x706007C
XPEAK_PRINTER_STYLE_ITALIC	0x706007D
XPEAK_PRINTER_STYLE_UNDER	0x706007E
XPEAK_PRINTER_STYLE_DOUBLE_UNDER	0x706007F
XPEAK_PRINTER_STYLE_DOUBLE_WIDTH	0x7060080
XPEAK_PRINTER_STYLE_TRIPLE_WIDTH	0x7060081
XPEAK_PRINTER_STYLE_QUADRUPLE_WIDTH	0x7060082
XPEAK_PRINTER_STYLE_STRIKE	0x7060083
XPEAK_PRINTER_STYLE_DOUBLE_STRIKE	0x7060084
XPEAK_PRINTER_STYLE_ROTATE_90	0x7060085
XPEAK_PRINTER_STYLE_ROTATE_270	0x7060086
XPEAK_PRINTER_STYLE_UPSIDE_DOWN	0x7060087
XPEAK_PRINTER_STYLE_DOUBLE_HEIGHT	0x7060088
XPEAK_PRINTER_STYLE_TRIPLE_HEIGHT	0x7060089
XPEAK_PRINTER_STYLE_QUADRUPLE_HEIGHT	0x7060092
XPEAK_PRINTER_STYLE_OPAQUE	0x7060093

XPEAK_PRINTER_STYLE_SUPER_SCRIPT	0x706008A
XPEAK_PRINTER_STYLE_SUB_SCRIPT	0x706008B
XPEAK_PRINTER_STYLE_CONDENSED	0x7060175
XPEAK_PRINTER_TURN_PAGE_FORWARD	0x706016A
XPEAK_PRINTER_TURN_PAGE_BACKWARD	0x706016B
XPEAK_PRINTER_BARCODE_TEXT_BELOW	0x13040001
XPEAK_PRINTER_BARCODE_TEXT_ABOVE	0x13040002
XPEAK_PRINTER_BARCODE_TEXT_NONE	0x13040003
XPEAK_CASH_TYPE_DISPENSE	0x70600A7
XPEAK_CASH_TYPE_DEPOSIT	0x70600A8
XPEAK_CASH_TYPE_RECYCLE	0x70600A9
XPEAK_CASH_TYPE_REJECT	0x70600AA
XPEAK_CASH_TYPE_RETRACT	0x70600AB
XPEAK_CASH_TYPE_UNFIT	0x706013A
XPEAK_CASH_ITEM_NOTE	0x70600AC
XPEAK_CASH_ITEM_COIN	0x70600AD
XPEAK_CASH_ITEM_COIN_CYLINDER	0x70600AE
XPEAK_CASH_ITEM_DOCUMENT	0x70600AF
XPEAK_DISPLAY_STYLE_INVERTED	0x70600E5
XPEAK_DISPLAY_STYLE_BLINK	0x70600E6
XPEAK_POSITION_RIGHT	0x70600C7
XPEAK_POSITION_LEFT	0x70600C8
XPEAK_SIDE_FRONT	0x7060177
XPEAK_SIDE_BACK	0x7060178
XPEAK_GRAPHIC_FORMAT_NONE	0x706017B
XPEAK_GRAPHIC_FORMAT_GIF	0x706008C
XPEAK_GRAPHIC_FORMAT_BMP	0x706008D
XPEAK_GRAPHIC_FORMAT_JPG	0x706008E
XPEAK_GRAPHIC_FORMAT_TIF	0x706008F
XPEAK_GRAPHIC_FORMAT_PCX	0x7060090
XPEAK_GRAPHIC_FORMAT_PNG	0x7060091
XPEAK_GRAPHIC_FORMAT_RAW	0x7060176
XPEAK_GRAPHIC_FORMAT_WSQ	0x12020002
XPEAK_GRAPHIC_FORMAT_TIF_MULTI	0x12020003
XPEAK_PIXEL_TYPE_BW	0x12020005
XPEAK_PIXEL_TYPE_GRAY	0x12020006
XPEAK_PIXEL_TYPE_RGB	0x12020007
XPEAK_PIXEL_TYPE_PALETTE	0x12020008
XPEAK_PIXEL_TYPE_CMY	0x12020009
XPEAK_PIXEL_TYPE_CMYK	0x1202000A

XPEAK_PIXEL_TYPE_YUV	0x1202000B
XPEAK_PIXEL_TYPE_YUVK	0x1202000C
XPEAK_PIXEL_TYPE_CIEXYZ	0x1202000D
XPEAK_PIXEL_TYPE_SRGB	0x1202000E
XPEAK_PIXEL_TYPE_SCRGB	0x1202000F
XPEAK_PIXEL_TYPE_INFRARED	0x12020010
XPEAK_VIDEO_FORMAT_AVI	0x11010004
XPEAK_VIDEO_FORMAT_MPG	0x11010005
XPEAK_VIDEO_FORMAT_WMV	0x11010006
XPEAK_VIDEO_FORMAT_MOV	0x11010007
XPEAK_VIDEO_FORMAT_MKV	0x11010008
XPEAK_VIDEO_FORMAT_OGM	0x11010009
XPEAK_VIDEO_FORMAT_OGG	0x1101000A
XPEAK_AUDIO_FORMAT_WAV	0x706014E
XPEAK_AUDIO_FORMAT_MP3	0x706014F
XPEAK_AUDIO_FORMAT_OGG	0x7060150
XPEAK_AUDIO_FORMAT_GSM	0x7060151
XPEAK_AUDIO_FORMAT_DCT	0x7060152
XPEAK_AUDIO_FORMAT_FLAC	0x7060153
XPEAK_AUDIO_FORMAT_AU	0x7060154
XPEAK_AUDIO_FORMAT_AIFF	0x7060155
XPEAK_AUDIO_FORMAT_VOX	0x7060156
XPEAK_AUDIO_FORMAT_RAW	0x7060157
XPEAK_KEYBOARD_BEEP_ON_PRESS_ALWAYS	0x70600EB
XPEAK_KEYBOARD_BEEP_ON_PRESS_NEVER	0x70600EC
XPEAK_KEYBOARD_BEEP_ON_PRESS_CONFIGURABLE	0x70600ED
XPEAK_KEYBOARD_CONTROL_KEY_NONE	0x706010D
XPEAK_KEYBOARD_CONTROL_KEY_ENTER	0x70600F0
XPEAK_KEYBOARD_CONTROL_KEY_CLEAR	0x70600F1
XPEAK_KEYBOARD_CONTROL_KEY_BACKSPACE	0x70600F2
XPEAK_KEYBOARD_CONTROL_KEY_TAB	0x70600F3
XPEAK_KEYBOARD_CONTROL_KEY_INSERT	0x70600F4
XPEAK_KEYBOARD_CONTROL_KEY_SUPR	0x70600F5
XPEAK_KEYBOARD_CONTROL_KEY_ESC	0x70600F6
XPEAK_KEYBOARD_CONTROL_KEY_F1	0x70600F7
XPEAK_KEYBOARD_CONTROL_KEY_F2	0x70600F8
XPEAK_KEYBOARD_CONTROL_KEY_F3	0x70600F9
XPEAK_KEYBOARD_CONTROL_KEY_F4	0x70600FA
XPEAK_KEYBOARD_CONTROL_KEY_F5	0x70600FB
XPEAK_KEYBOARD_CONTROL_KEY_F6	0x70600FC
XPEAK_KEYBOARD_CONTROL_KEY_F7	0x70600FD
XPEAK_KEYBOARD_CONTROL_KEY_F8	0x70600FE
XPEAK_KEYBOARD_CONTROL_KEY_F9	0x70600FF

XPEAK_KEYBOARD_CONTROL_KEY_F10	0x7060100
XPEAK_KEYBOARD_CONTROL_KEY_F11	0x7060101
XPEAK_KEYBOARD_CONTROL_KEY_F12	0x7060102
XPEAK_KEYBOARD_CONTROL_KEY_ARROW_UP	0x7060108
XPEAK_KEYBOARD_CONTROL_KEY_ARROW_DOWN	0x7060109
XPEAK_KEYBOARD_CONTROL_KEY_ARROW_LEFT	0x706010A
XPEAK_KEYBOARD_CONTROL_KEY_ARROW_RIGHT	0x706010B
XPEAK_KEYBOARD_READ_MODE_NORMAL	0x7060103
XPEAK_KEYBOARD_READ_MODE_PIN	0x7060104
XPEAK_KEYBOARD_READ_MODE_MANUAL_KEY	0x7060105
XPEAK_SECURITY_CRYPT_ALGORITHM_DESECB	0x706011B
XPEAK_SECURITY_CRYPT_ALGORITHM_DESCBC	0x706011C
XPEAK_SECURITY_CRYPT_ALGORITHM_DESCFB	0x706011D
XPEAK_SECURITY_CRYPT_ALGORITHM_TDESECB	0x706011E
XPEAK_SECURITY_CRYPT_ALGORITHM_TDESCBC	0x706011F
XPEAK_SECURITY_CRYPT_ALGORITHM_TDESCFB	0x7060120
XPEAK_SECURITY_USE_KEY_ENCRYPTION_KEY	0x7060122
XPEAK_SECURITY_USE_CRYPT	0x7060123
XPEAK_SECURITY_USE_MAC	0x7060124
XPEAK_SECURITY_USE_PIN	0x7060125
XPEAK_SECURITY_MAC_ANSI_X9_9	0x7060126
XPEAK_SECURITY_MAC_ANSI_X9_19	0x7060127
XPEAK_SECURITY_PIN_FORMAT_IBM3624	0x7060128
XPEAK_SECURITY_PIN_FORMAT_ANSI	0x7060129
XPEAK_SECURITY_PIN_FORMAT_ISO0	0x706012A
XPEAK_SECURITY_PIN_FORMAT_ISO1	0x706012B
XPEAK_SECURITY_PIN_FORMAT_EC12	0x706012C
XPEAK_SECURITY_PIN_FORMAT_VISA	0x706012D
XPEAK_SECURITY_PIN_FORMAT_DIEBOLD	0x706012E
XPEAK_SECURITY_PIN_FORMAT_DIEBOLDCO	0x706012F
XPEAK_SECURITY_PIN_FORMAT_VISA3	0x7060130
XPEAK_SECURITY_PIN_FORMAT_BANKSYS	0x7060131
XPEAK_SECURITY_PIN_FORMAT_EMV	0x7060132
XPEAK_SECURITY_PIN_FORMAT_ISO3	0x7060133
XPEAK_GENDER_MALE	0x7060158
XPEAK_GENDER_FEMALE	0x7060159
XPEAK_AGE_CHILD	0x706015A
XPEAK_AGE_TEENAGER	0x706015B
XPEAK_AGE_YOUNGER_ADULT	0x706015C
XPEAK_AGE_MIDDLE_ADULT	0x706015D
XPEAK_AGE_OLDER_ADULT	0x706015E