

## sdi\_emv.h File Reference

```
#include "tlv.h"
```

```
#include "sdi_enum.h"
```

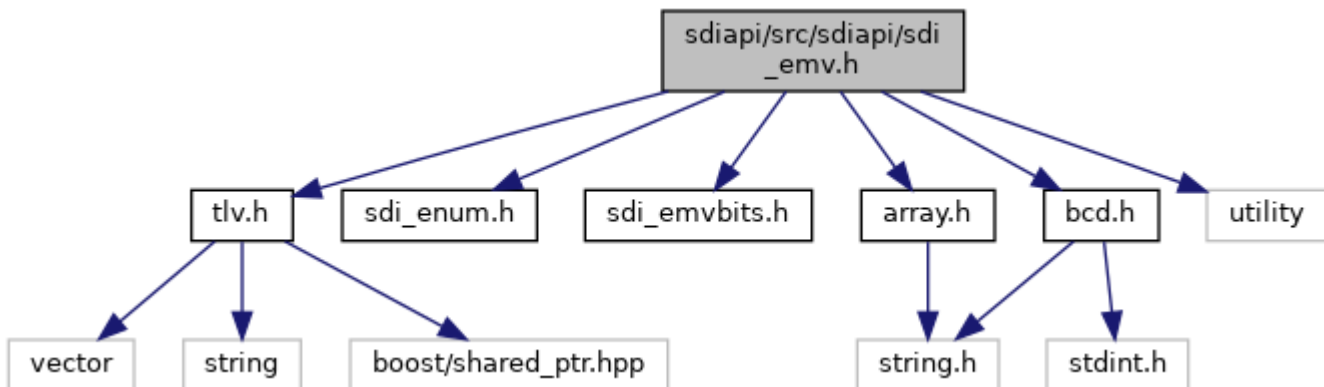
```
#include "sdi_emvbits.h"
```

```
#include "array.h"
```

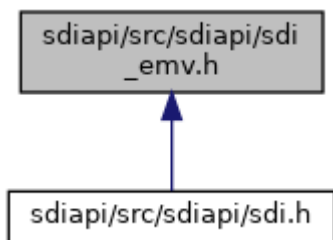
```
#include "bcd.h"
```

```
#include <utility>
```

Include dependency graph for sdi\_emv.h:



This graph shows which files directly or indirectly include this file:



[Go to the source code of this file.](#)

## Data Structures

class [EMVSpecialTransactions](#)

struct [EMVConf](#)  
struct [EMVConf::DynamicReaderLimits](#)  
struct [EMVTxn](#)  
struct [EMVTxn::DomesticApp](#)  
struct [EMVTxn::FallbackMSR](#)  
struct [EMVTxn::Candidate](#)  
struct [EMVTxn::CandidateExt](#)

## Namespaces

[vfisdi](#)

## Macros

#define [DIISpec](#)

## Typedefs

typedef BitMask< 40, EMVAppFlowCapabilityBits > [EMVAppFlowCapabilities](#)  
typedef BitMask< 40, EMVKernelAppFlowCapabilityBits > [EMVKernelAppFlowCapabilities](#)  
typedef BitMask< 80, EMVFlowOptionBits > [EMVFlowOptions](#)  
typedef BitMask< 40, EMVChecksumOptionBits > [EMVChecksumOptions](#)  
typedef BitMask< 40, EMVTransactionOptionBits > [EMVTransactionOptions](#)  
typedef BitMask< 24, EMVTransactionStepBits > [EMVTransactionSteps](#)  
typedef BitMask< 24, EMVDomesticOptionBits > [EMVDomesticOptions](#)

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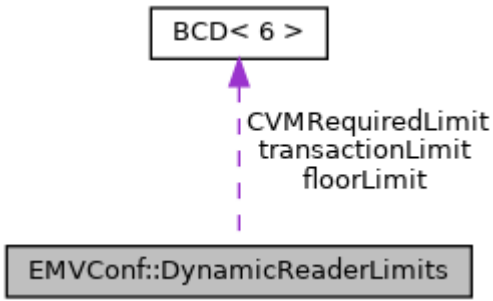
## Data Structure Documentation

### [?](#) [vfisdi::EMVConf::DynamicReaderLimits](#)

struct vfisdi::EMVConf::DynamicReaderLimits

dynamic reader limits

Collaboration diagram for EMVConf::DynamicReaderLimits:



[[legend](#)]

### Data Fields

<a href="#">bytevector</a>	appProgramID	application program ID (9F5A)
<a href="#">BCD&lt; 6 &gt;</a>	CVMRequiredLimit	CVM required limit (DFAB42)
<a href="#">BCD&lt; 6 &gt;</a>	floorLimit	floor limit (DFAB40)
unsigned char	options	dynamic reader options (DFAB49)
<a href="#">BCD&lt; 6 &gt;</a>	transactionLimit	transaction limit (DFAB41)

### ? [vfisdi::EMVTxn::DomesticApp](#)

struct [vfisdi::EMVTxn::DomesticApp](#)

domestic application information

### Data Fields

<a href="#">bytevector</a>	aid	(DF04)
string	appLabel	(50)
unsigned char	asi	(DFAB02)
unsigned char	noEMVConformSelect	(DF6A)

unsigned char specialTX[8] (DF1C)

### **? vfi::EMVTxn::FallbackMSR**

struct vfi::EMVTxn::FallbackMSR

fallback configuration

#### **Data Fields**

unsigned char fallback (DF18)

unsigned char mid (DF17)

unsigned char options (DF3A)

unsigned char specialTX[8] (DF1C)

### **? vfi::EMVTxn::Candidate**

struct vfi::EMVTxn::Candidate

#### Candidate

#### **Data Fields**

bytevector aid (DF04)

string appName (50)

### **? vfi::EMVTxn::CandidateExt**

struct vfi::EMVTxn::CandidateExt

Candidate entry in callback

#### **Data Fields**

<a href="#">bytevector</a>	aid	(DF04)
string	appName	(50)
unsigned	kernelID	(DFD003)
string	language	(5F2D)
unsigned char	velocityOrigIdx	(DF60)
unsigned char	velocityProcResult	(DF63)

## Macro Definition Documentation

### [?](#) DllSpec

```
#define DllSpec
```