

# Frequently Asked Questions

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## PixelFormat, PixelCoding, PixelSize

#4300-0309 Version 1.0.0.1







**TOSHIBA TELI CORPORATION**

Information contained in this document is subject to change without prior notice.

# 1. PixelFormat, PixelCoding, PixelSize

The following table shows information of PixelFormat available in TeliCamSDK, and relationship between PixelFormat, PixelCoding and PixelSize.

PixelFormat	Pixel Format ID	Pixel Coding	Pixel Size	Remarks																
Mono8	0x01080001	Mono (0x00)	Bpp8 (0x08)	<div style="display: flex; align-items: center;"> <div style="margin-right: 10px;">msb</div> <div style="border: 1px solid black; padding: 2px;">Image data</div> </div> <div style="display: flex; align-items: center; margin-top: 5px;"> <div style="margin-right: 5px;">Byte0</div> <table border="1" style="border-collapse: collapse; text-align: center;"> <tr><td>Y</td><td>Y</td><td>Y</td><td>Y</td><td>...</td><td>Y</td><td>Y</td><td>...</td></tr> <tr><td>11</td><td>12</td><td>13</td><td>14</td><td>...</td><td>21</td><td>22</td><td>...</td></tr> </table> </div> <div style="margin-left: 5px;">lsb</div>	Y	Y	Y	Y	...	Y	Y	...	11	12	13	14	...	21	22	...
Y	Y	Y	Y	...	Y	Y	...													
11	12	13	14	...	21	22	...													
Mono10	0x01100003	Mono (0x00)	Bpp10 (0x0A)	<div style="display: flex; align-items: center;"> <div style="margin-right: 10px;">msb</div> <div style="border: 1px solid black; padding: 2px;">Image data</div> </div> <div style="display: flex; align-items: center; margin-top: 5px;"> <div style="margin-right: 5px;">Byte1</div> <table border="1" style="border-collapse: collapse; text-align: center;"> <tr><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td></tr> </table> </div> <div style="margin-left: 5px;">lsb</div>																
Mono12	0x01100005	Mono (0x00)	Bpp12 (0x0C)	<div style="display: flex; align-items: center;"> <div style="margin-right: 10px;">msb</div> <div style="border: 1px solid black; padding: 2px;">Image data</div> </div> <div style="display: flex; align-items: center; margin-top: 5px;"> <div style="margin-right: 5px;">Byte1</div> <table border="1" style="border-collapse: collapse; text-align: center;"> <tr><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td></tr> </table> </div> <div style="margin-left: 5px;">lsb</div>																
Mono16	0x01100007	Mono (0x00)	Bpp16 (0x10)	<div style="display: flex; align-items: center;"> <div style="margin-right: 10px;">msb</div> <div style="border: 1px solid black; padding: 2px;">Image data</div> </div> <div style="display: flex; align-items: center; margin-top: 5px;"> <div style="margin-right: 5px;">Byte1</div> <table border="1" style="border-collapse: collapse; text-align: center;"> <tr><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td></tr> </table> </div> <div style="margin-left: 5px;">lsb</div>																
BayerGR8 <i>BayerFilter</i>	0x01080008	BayerGR (0x60)	Bpp8 (0x08)	<div style="display: flex; align-items: center;"> <div style="margin-right: 10px;">msb</div> <div style="border: 1px solid black; padding: 2px;">Image data</div> </div> <div style="display: flex; align-items: center; margin-top: 5px;"> <div style="margin-right: 5px;">Byte0</div> <table border="1" style="border-collapse: collapse; text-align: center;"> <tr><td>G</td><td>R</td><td>G</td><td>R</td><td>...</td><td>B</td><td>G</td><td>...</td></tr> <tr><td>11</td><td>12</td><td>13</td><td>14</td><td>...</td><td>21</td><td>22</td><td>...</td></tr> </table> </div> <div style="margin-left: 5px;">lsb</div>	G	R	G	R	...	B	G	...	11	12	13	14	...	21	22	...
G	R	G	R	...	B	G	...													
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BayerRG8 <i>BayerFilter</i>	0x01080009	BayerRG (0x63)	Bpp8 (0x08)	<div style="display: flex; align-items: center;"> <div style="margin-right: 10px;">msb</div> <div style="border: 1px solid black; padding: 2px;">Image data</div> </div> <div style="display: flex; align-items: center; margin-top: 5px;"> <div style="margin-right: 5px;">Byte0</div> <table border="1" style="border-collapse: collapse; text-align: center;"> <tr><td>R</td><td>G</td><td>R</td><td>G</td><td>...</td><td>G</td><td>B</td><td>...</td></tr> <tr><td>11</td><td>12</td><td>13</td><td>14</td><td>...</td><td>21</td><td>22</td><td>...</td></tr> </table> </div> <div style="margin-left: 5px;">lsb</div>	R	G	R	G	...	G	B	...	11	12	13	14	...	21	22	...
R	G	R	G	...	G	B	...													
11	12	13	14	...	21	22	...													
BayerGB8 <i>BayerFilter</i>	0x0108000A	BayerGB (0x66)	Bpp8 (0x08)	<div style="display: flex; align-items: center;"> <div style="margin-right: 10px;">msb</div> <div style="border: 1px solid black; padding: 2px;">Image data</div> </div> <div style="display: flex; align-items: center; margin-top: 5px;"> <div style="margin-right: 5px;">Byte0</div> <table border="1" style="border-collapse: collapse; text-align: center;"> <tr><td>G</td><td>B</td><td>G</td><td>B</td><td>...</td><td>R</td><td>G</td><td>...</td></tr> <tr><td>11</td><td>12</td><td>13</td><td>14</td><td>...</td><td>21</td><td>22</td><td>...</td></tr> </table> </div> <div style="margin-left: 5px;">lsb</div>	G	B	G	B	...	R	G	...	11	12	13	14	...	21	22	...
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BayerBG8 <i>BayerFilter</i>	0x0108000B	BayerBG (0x69)	Bpp8 (0x08)	<div style="display: flex; align-items: center;"> <div style="margin-right: 10px;">msb</div> <div style="border: 1px solid black; padding: 2px;">Image data</div> </div> <div style="display: flex; align-items: center; margin-top: 5px;"> <div style="margin-right: 5px;">Byte0</div> <table border="1" style="border-collapse: collapse; text-align: center;"> <tr><td>B</td><td>G</td><td>B</td><td>G</td><td>...</td><td>G</td><td>R</td><td>...</td></tr> <tr><td>11</td><td>12</td><td>13</td><td>14</td><td>...</td><td>21</td><td>22</td><td>...</td></tr> </table> </div> <div style="margin-left: 5px;">lsb</div>	B	G	B	G	...	G	R	...	11	12	13	14	...	21	22	...
B	G	B	G	...	G	R	...													
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BayerGR10 <i>BayerFilter</i>	0x0110000C	BayerGR (0x60)	Bpp10 (0x0A)	<div style="display: flex; align-items: center;"> <div style="margin-right: 10px;">msb</div> <div style="border: 1px solid black; padding: 2px;">Image data</div> </div> <div style="display: flex; align-items: center; margin-top: 5px;"> <div style="margin-right: 5px;">Byte1</div> <table border="1" style="border-collapse: collapse; text-align: center;"> <tr><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td></tr> </table> </div> <div style="margin-left: 5px;">lsb</div>																
BayerRG10 <i>BayerFilter</i>	0x0110000D	BayerRG (0x63)	Bpp10 (0x0A)	<div style="display: flex; align-items: center;"> <div style="margin-right: 10px;">msb</div> <div style="border: 1px solid black; padding: 2px;">Image data</div> </div> <div style="display: flex; align-items: center; margin-top: 5px;"> <div style="margin-right: 5px;">Byte1</div> <table border="1" style="border-collapse: collapse; text-align: center;"> <tr><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td></tr> </table> </div> <div style="margin-left: 5px;">lsb</div>																

PixelFormat	Pixel Format ID	Pixel Coding	Pixel Size	Remarks																
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G	B	G	B	...	R	G	...													
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BayerBG10 <i>BayerFilter</i> 	0x0110000F	BayerBG (0x69)	Bpp10 (0x0A)	<div style="display: flex; align-items: center;"> <div style="margin-right: 10px;">msb</div> <div style="border: 1px solid black; width: 100px; height: 15px; background-color: #cccccc;"></div> </div> <div style="display: flex; align-items: center; margin-top: 5px;"> <div style="margin-right: 10px;">Byte1</div> <div style="border: 1px solid black; width: 100px; height: 15px; background-color: #cccccc;"></div> </div> <div style="display: flex; align-items: center; margin-top: 5px;"> <div style="margin-right: 10px;">Byte0</div> <div style="border: 1px solid black; padding: 2px;"> <table style="border-collapse: collapse; text-align: center;"> <tr> <td style="border: 1px solid black; width: 20px;">B</td> <td style="border: 1px solid black; width: 20px;">G</td> <td style="border: 1px solid black; width: 20px;">B</td> <td style="border: 1px solid black; width: 20px;">G</td> <td style="border: 1px solid black; width: 20px;">...</td> <td style="border: 1px solid black; width: 20px;">G</td> <td style="border: 1px solid black; width: 20px;">R</td> <td style="border: 1px solid black; width: 20px;">...</td> </tr> <tr> <td style="border: 1px solid black;">11</td> <td style="border: 1px solid black;">12</td> <td style="border: 1px solid black;">13</td> <td style="border: 1px solid black;">14</td> <td style="border: 1px solid black;">...</td> <td style="border: 1px solid black;">21</td> <td style="border: 1px solid black;">22</td> <td style="border: 1px solid black;">...</td> </tr> </table> </div> </div> <div style="display: flex; align-items: center; margin-top: 5px;"> <div style="margin-right: 10px;">lsb</div> <div style="border: 1px solid black; width: 100px; height: 15px; background-color: #cccccc;"></div> </div>	B	G	B	G	...	G	R	...	11	12	13	14	...	21	22	...
B	G	B	G	...	G	R	...													
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BayerGR12 <i>BayerFilter</i> 	0x01100010	BayerGR (0x60)	Bpp12 (0x0C)	<div style="display: flex; align-items: center;"> <div style="margin-right: 10px;">msb</div> <div style="border: 1px solid black; width: 100px; height: 15px; background-color: #cccccc;"></div> </div> <div style="display: flex; align-items: center; margin-top: 5px;"> <div style="margin-right: 10px;">Byte1</div> <div style="border: 1px solid black; width: 100px; height: 15px; background-color: #cccccc;"></div> </div> <div style="display: flex; align-items: center; margin-top: 5px;"> <div style="margin-right: 10px;">Byte0</div> <div style="border: 1px solid black; padding: 2px;"> <table style="border-collapse: collapse; text-align: center;"> <tr> <td style="border: 1px solid black; width: 20px;">G</td> <td style="border: 1px solid black; width: 20px;">R</td> <td style="border: 1px solid black; width: 20px;">G</td> <td style="border: 1px solid black; width: 20px;">R</td> <td style="border: 1px solid black; width: 20px;">...</td> <td style="border: 1px solid black; width: 20px;">B</td> <td style="border: 1px solid black; width: 20px;">G</td> <td style="border: 1px solid black; width: 20px;">...</td> </tr> <tr> <td style="border: 1px solid black;">11</td> <td style="border: 1px solid black;">12</td> <td style="border: 1px solid black;">13</td> <td style="border: 1px solid black;">14</td> <td style="border: 1px solid black;">...</td> <td style="border: 1px solid black;">21</td> <td style="border: 1px solid black;">22</td> <td style="border: 1px solid black;">...</td> </tr> </table> </div> </div> <div style="display: flex; align-items: center; margin-top: 5px;"> <div style="margin-right: 10px;">lsb</div> <div style="border: 1px solid black; width: 100px; height: 15px; background-color: #cccccc;"></div> </div>	G	R	G	R	...	B	G	...	11	12	13	14	...	21	22	...
G	R	G	R	...	B	G	...													
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BayerRG12 <i>BayerFilter</i> 	0x01100011	BayerRG (0x63)	Bpp12 (0x0C)	<div style="display: flex; align-items: center;"> <div style="margin-right: 10px;">msb</div> <div style="border: 1px solid black; width: 100px; height: 15px; background-color: #cccccc;"></div> </div> <div style="display: flex; align-items: center; margin-top: 5px;"> <div style="margin-right: 10px;">Byte1</div> <div style="border: 1px solid black; width: 100px; height: 15px; background-color: #cccccc;"></div> </div> <div style="display: flex; align-items: center; margin-top: 5px;"> <div style="margin-right: 10px;">Byte0</div> <div style="border: 1px solid black; padding: 2px;"> <table style="border-collapse: collapse; text-align: center;"> <tr> <td style="border: 1px solid black; width: 20px;">R</td> <td style="border: 1px solid black; width: 20px;">G</td> <td style="border: 1px solid black; width: 20px;">R</td> <td style="border: 1px solid black; width: 20px;">G</td> <td style="border: 1px solid black; width: 20px;">...</td> <td style="border: 1px solid black; width: 20px;">G</td> <td style="border: 1px solid black; width: 20px;">B</td> <td style="border: 1px solid black; width: 20px;">...</td> </tr> <tr> <td style="border: 1px solid black;">11</td> <td style="border: 1px solid black;">12</td> <td style="border: 1px solid black;">13</td> <td style="border: 1px solid black;">14</td> <td style="border: 1px solid black;">...</td> <td style="border: 1px solid black;">21</td> <td style="border: 1px solid black;">22</td> <td style="border: 1px solid black;">...</td> </tr> </table> </div> </div> <div style="display: flex; align-items: center; margin-top: 5px;"> <div style="margin-right: 10px;">lsb</div> <div style="border: 1px solid black; width: 100px; height: 15px; background-color: #cccccc;"></div> </div>	R	G	R	G	...	G	B	...	11	12	13	14	...	21	22	...
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BayerGB12 <i>BayerFilter</i> 	0x01100012	BayerGB (0x66)	Bpp12 (0x0C)	<div style="display: flex; align-items: center;"> <div style="margin-right: 10px;">msb</div> <div style="border: 1px solid black; width: 100px; height: 15px; background-color: #cccccc;"></div> </div> <div style="display: flex; align-items: center; margin-top: 5px;"> <div style="margin-right: 10px;">Byte1</div> <div style="border: 1px solid black; width: 100px; height: 15px; background-color: #cccccc;"></div> </div> <div style="display: flex; align-items: center; margin-top: 5px;"> <div style="margin-right: 10px;">Byte0</div> <div style="border: 1px solid black; padding: 2px;"> <table style="border-collapse: collapse; text-align: center;"> <tr> <td style="border: 1px solid black; width: 20px;">G</td> <td style="border: 1px solid black; width: 20px;">B</td> <td style="border: 1px solid black; width: 20px;">G</td> <td style="border: 1px solid black; width: 20px;">B</td> <td style="border: 1px solid black; width: 20px;">...</td> <td style="border: 1px solid black; width: 20px;">R</td> <td style="border: 1px solid black; width: 20px;">G</td> <td style="border: 1px solid black; width: 20px;">...</td> </tr> <tr> <td style="border: 1px solid black;">11</td> <td style="border: 1px solid black;">12</td> <td style="border: 1px solid black;">13</td> <td style="border: 1px solid black;">14</td> <td style="border: 1px solid black;">...</td> <td style="border: 1px solid black;">21</td> <td style="border: 1px solid black;">22</td> <td style="border: 1px solid black;">...</td> </tr> </table> </div> </div> <div style="display: flex; align-items: center; margin-top: 5px;"> <div style="margin-right: 10px;">lsb</div> <div style="border: 1px solid black; width: 100px; height: 15px; background-color: #cccccc;"></div> </div>	G	B	G	B	...	R	G	...	11	12	13	14	...	21	22	...
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B	G	B	G	...	G	R	...													
11	12	13	14	...	21	22	...													
RGB8 (RGB8Packed)	0x02180014	RGBPacked (0x22)	Bpp24 (0x18)	<div style="display: flex; align-items: center;"> <div style="margin-right: 10px;">msb</div> <div style="border: 1px solid black; width: 100px; height: 15px; background-color: #cccccc;"></div> </div> <div style="display: flex; align-items: center; margin-top: 5px;"> <div style="margin-right: 10px;">Byte0</div> <div style="border: 1px solid black; padding: 2px;"> <table style="border-collapse: collapse; text-align: center;"> <tr> <td style="border: 1px solid black; width: 20px;">R</td> <td style="border: 1px solid black; width: 20px;">G</td> <td style="border: 1px solid black; width: 20px;">B</td> <td style="border: 1px solid black; width: 20px;">R</td> <td style="border: 1px solid black; width: 20px;">...</td> <td style="border: 1px solid black; width: 20px;">R</td> <td style="border: 1px solid black; width: 20px;">G</td> <td style="border: 1px solid black; width: 20px;">...</td> </tr> <tr> <td style="border: 1px solid black;">11</td> <td style="border: 1px solid black;">11</td> <td style="border: 1px solid black;">11</td> <td style="border: 1px solid black;">12</td> <td style="border: 1px solid black;">...</td> <td style="border: 1px solid black;">21</td> <td style="border: 1px solid black;">21</td> <td style="border: 1px solid black;">...</td> </tr> </table> </div> </div> <div style="display: flex; align-items: center; margin-top: 5px;"> <div style="margin-right: 10px;">lsb</div> <div style="border: 1px solid black; width: 100px; height: 15px; background-color: #cccccc;"></div> </div>	R	G	B	R	...	R	G	...	11	11	11	12	...	21	21	...
R	G	B	R	...	R	G	...													
11	11	11	12	...	21	21	...													
BGR8 (BGR8Packed)	0x02180015	BGRPacked (0x2A)	Bpp24 (0x18)	<div style="display: flex; align-items: center;"> <div style="margin-right: 10px;">msb</div> <div style="border: 1px solid black; width: 100px; height: 15px; background-color: #cccccc;"></div> </div> <div style="display: flex; align-items: center; margin-top: 5px;"> <div style="margin-right: 10px;">Byte0</div> <div style="border: 1px solid black; padding: 2px;"> <table style="border-collapse: collapse; text-align: center;"> <tr> <td style="border: 1px solid black; width: 20px;">B</td> <td style="border: 1px solid black; width: 20px;">G</td> <td style="border: 1px solid black; width: 20px;">R</td> <td style="border: 1px solid black; width: 20px;">B</td> <td style="border: 1px solid black; width: 20px;">...</td> <td style="border: 1px solid black; width: 20px;">B</td> <td style="border: 1px solid black; width: 20px;">G</td> <td style="border: 1px solid black; width: 20px;">...</td> </tr> <tr> <td style="border: 1px solid black;">11</td> <td style="border: 1px solid black;">11</td> <td style="border: 1px solid black;">11</td> <td style="border: 1px solid black;">12</td> <td style="border: 1px solid black;">...</td> <td style="border: 1px solid black;">21</td> <td style="border: 1px solid black;">21</td> <td style="border: 1px solid black;">...</td> </tr> </table> </div> </div> <div style="display: flex; align-items: center; margin-top: 5px;"> <div style="margin-right: 10px;">lsb</div> <div style="border: 1px solid black; width: 100px; height: 15px; background-color: #cccccc;"></div> </div>	B	G	R	B	...	B	G	...	11	11	11	12	...	21	21	...
B	G	R	B	...	B	G	...													
11	11	11	12	...	21	21	...													
RGB10 (RGB10Packed)	0x02300018	RGBPacked (0x22)	Bpp30 (0x1E)	<div style="display: flex; align-items: center;"> <div style="margin-right: 10px;">msb</div> <div style="border: 1px solid black; width: 100px; height: 15px; background-color: #cccccc;"></div> </div> <div style="display: flex; align-items: center; margin-top: 5px;"> <div style="margin-right: 10px;">Byte1</div> <div style="border: 1px solid black; width: 100px; height: 15px; background-color: #cccccc;"></div> </div> <div style="display: flex; align-items: center; margin-top: 5px;"> <div style="margin-right: 10px;">Byte0</div> <div style="border: 1px solid black; padding: 2px;"> <table style="border-collapse: collapse; text-align: center;"> <tr> <td style="border: 1px solid black; width: 20px;">R</td> <td style="border: 1px solid black; width: 20px;">G</td> <td style="border: 1px solid black; width: 20px;">B</td> <td style="border: 1px solid black; width: 20px;">R</td> <td style="border: 1px solid black; width: 20px;">...</td> <td style="border: 1px solid black; width: 20px;">R</td> <td style="border: 1px solid black; width: 20px;">G</td> <td style="border: 1px solid black; width: 20px;">...</td> </tr> <tr> <td style="border: 1px solid black;">11</td> <td style="border: 1px solid black;">11</td> <td style="border: 1px solid black;">11</td> <td style="border: 1px solid black;">12</td> <td style="border: 1px solid black;">...</td> <td style="border: 1px solid black;">21</td> <td style="border: 1px solid black;">22</td> <td style="border: 1px solid black;">...</td> </tr> </table> </div> </div> <div style="display: flex; align-items: center; margin-top: 5px;"> <div style="margin-right: 10px;">lsb</div> <div style="border: 1px solid black; width: 100px; height: 15px; background-color: #cccccc;"></div> </div>	R	G	B	R	...	R	G	...	11	11	11	12	...	21	22	...
R	G	B	R	...	R	G	...													
11	11	11	12	...	21	22	...													
BGR10 (BGR10Packed)	0x02300019	BGRPacked (0x2A)	Bpp30 (0x1E)	<div style="display: flex; align-items: center;"> <div style="margin-right: 10px;">msb</div> <div style="border: 1px solid black; width: 100px; height: 15px; background-color: #cccccc;"></div> </div> <div style="display: flex; align-items: center; margin-top: 5px;"> <div style="margin-right: 10px;">Byte1</div> <div style="border: 1px solid black; width: 100px; height: 15px; background-color: #cccccc;"></div> </div> <div style="display: flex; align-items: center; margin-top: 5px;"> <div style="margin-right: 10px;">Byte0</div> <div style="border: 1px solid black; padding: 2px;"> <table style="border-collapse: collapse; text-align: center;"> <tr> <td style="border: 1px solid black; width: 20px;">B</td> <td style="border: 1px solid black; width: 20px;">G</td> <td style="border: 1px solid black; width: 20px;">R</td> <td style="border: 1px solid black; width: 20px;">B</td> <td style="border: 1px solid black; width: 20px;">...</td> <td style="border: 1px solid black; width: 20px;">B</td> <td style="border: 1px solid black; width: 20px;">G</td> <td style="border: 1px solid black; width: 20px;">...</td> </tr> <tr> <td style="border: 1px solid black;">11</td> <td style="border: 1px solid black;">11</td> <td style="border: 1px solid black;">11</td> <td style="border: 1px solid black;">12</td> <td style="border: 1px solid black;">...</td> <td style="border: 1px solid black;">21</td> <td style="border: 1px solid black;">22</td> <td style="border: 1px solid black;">...</td> </tr> </table> </div> </div> <div style="display: flex; align-items: center; margin-top: 5px;"> <div style="margin-right: 10px;">lsb</div> <div style="border: 1px solid black; width: 100px; height: 15px; background-color: #cccccc;"></div> </div>	B	G	R	B	...	B	G	...	11	11	11	12	...	21	22	...
B	G	R	B	...	B	G	...													
11	11	11	12	...	21	22	...													
RGB12 (RGB10Packed)	0x0230001A	RGBPacked (0x22)	Bpp36 (0x24)	<div style="display: flex; align-items: center;"> <div style="margin-right: 10px;">msb</div> <div style="border: 1px solid black; width: 100px; height: 15px; background-color: #cccccc;"></div> </div> <div style="display: flex; align-items: center; margin-top: 5px;"> <div style="margin-right: 10px;">Byte1</div> <div style="border: 1px solid black; width: 100px; height: 15px; background-color: #cccccc;"></div> </div> <div style="display: flex; align-items: center; margin-top: 5px;"> <div style="margin-right: 10px;">Byte0</div> <div style="border: 1px solid black; padding: 2px;"> <table style="border-collapse: collapse; text-align: center;"> <tr> <td style="border: 1px solid black; width: 20px;">R</td> <td style="border: 1px solid black; width: 20px;">G</td> <td style="border: 1px solid black; width: 20px;">B</td> <td style="border: 1px solid black; width: 20px;">R</td> <td style="border: 1px solid black; width: 20px;">...</td> <td style="border: 1px solid black; width: 20px;">R</td> <td style="border: 1px solid black; width: 20px;">G</td> <td style="border: 1px solid black; width: 20px;">...</td> </tr> <tr> <td style="border: 1px solid black;">11</td> <td style="border: 1px solid black;">11</td> <td style="border: 1px solid black;">11</td> <td style="border: 1px solid black;">12</td> <td style="border: 1px solid black;">...</td> <td style="border: 1px solid black;">21</td> <td style="border: 1px solid black;">22</td> <td style="border: 1px solid black;">...</td> </tr> </table> </div> </div> <div style="display: flex; align-items: center; margin-top: 5px;"> <div style="margin-right: 10px;">lsb</div> <div style="border: 1px solid black; width: 100px; height: 15px; background-color: #cccccc;"></div> </div>	R	G	B	R	...	R	G	...	11	11	11	12	...	21	22	...
R	G	B	R	...	R	G	...													
11	11	11	12	...	21	22	...													
BGR12 (BGR12Packed)	0x0230001B	BGRPacked (0x2A)	Bpp36 (0x24)	<div style="display: flex; align-items: center;"> <div style="margin-right: 10px;">msb</div> <div style="border: 1px solid black; width: 100px; height: 15px; background-color: #cccccc;"></div> </div> <div style="display: flex; align-items: center; margin-top: 5px;"> <div style="margin-right: 10px;">Byte1</div> <div style="border: 1px solid black; width: 100px; height: 15px; background-color: #cccccc;"></div> </div> <div style="display: flex; align-items: center; margin-top: 5px;"> <div style="margin-right: 10px;">Byte0</div> <div style="border: 1px solid black; padding: 2px;"> <table style="border-collapse: collapse; text-align: center;"> <tr> <td style="border: 1px solid black; width: 20px;">B</td> <td style="border: 1px solid black; width: 20px;">G</td> <td style="border: 1px solid black; width: 20px;">R</td> <td style="border: 1px solid black; width: 20px;">B</td> <td style="border: 1px solid black; width: 20px;">...</td> <td style="border: 1px solid black; width: 20px;">B</td> <td style="border: 1px solid black; width: 20px;">G</td> <td style="border: 1px solid black; width: 20px;">...</td> </tr> <tr> <td style="border: 1px solid black;">11</td> <td style="border: 1px solid black;">11</td> <td style="border: 1px solid black;">11</td> <td style="border: 1px solid black;">12</td> <td style="border: 1px solid black;">...</td> <td style="border: 1px solid black;">21</td> <td style="border: 1px solid black;">22</td> <td style="border: 1px solid black;">...</td> </tr> </table> </div> </div> <div style="display: flex; align-items: center; margin-top: 5px;"> <div style="margin-right: 10px;">lsb</div> <div style="border: 1px solid black; width: 100px; height: 15px; background-color: #cccccc;"></div> </div>	B	G	R	B	...	B	G	...	11	11	11	12	...	21	22	...
B	G	R	B	...	B	G	...													
11	11	11	12	...	21	22	...													

PixelFormat	Pixel Format ID	Pixel Coding	Pixel Size	Remarks																								
YUV411Packed (YUV411_8_UYYVYY)	0x020C001E	YUV411Packed (0x42)	Bpp12 (0x0C)	<div style="text-align: center;">Image data</div> <div style="display: flex; align-items: center;"> <div style="margin-right: 5px;">msb</div> <div style="border: 1px solid black; padding: 2px;"> <table style="border-collapse: collapse; text-align: center;"> <tr> <td style="padding: 2px;">U</td><td style="padding: 2px;">Y</td><td style="padding: 2px;">Y</td><td style="padding: 2px;">V</td><td style="padding: 2px;">Y</td><td style="padding: 2px;">Y</td><td style="padding: 2px;">U</td><td style="padding: 2px;">Y</td><td style="padding: 2px;">...</td><td style="padding: 2px;">U</td><td style="padding: 2px;">Y</td><td style="padding: 2px;">...</td> </tr> <tr> <td style="padding: 2px;">11</td><td style="padding: 2px;">11</td><td style="padding: 2px;">12</td><td style="padding: 2px;">11</td><td style="padding: 2px;">13</td><td style="padding: 2px;">14</td><td style="padding: 2px;">15</td><td style="padding: 2px;">15</td><td style="padding: 2px;">...</td><td style="padding: 2px;">21</td><td style="padding: 2px;">21</td><td style="padding: 2px;">...</td> </tr> </table> </div> </div> <div style="display: flex; align-items: center; margin-top: 5px;"> <div style="margin-right: 5px;">Byte0</div> <div style="margin-right: 5px;">msb</div> <div style="margin-right: 5px;">lsb</div> </div>	U	Y	Y	V	Y	Y	U	Y	...	U	Y	...	11	11	12	11	13	14	15	15	...	21	21	...
U	Y	Y	V	Y	Y	U	Y	...	U	Y	...																	
11	11	12	11	13	14	15	15	...	21	21	...																	
YUV422Packed (YUV422_8_UYVY)	0x0210001F	YUV422Packed (0x4A)	Bpp16 (0x10)	<div style="text-align: center;">Image data</div> <div style="display: flex; align-items: center;"> <div style="margin-right: 5px;">msb</div> <div style="border: 1px solid black; padding: 2px;"> <table style="border-collapse: collapse; text-align: center;"> <tr> <td style="padding: 2px;">U</td><td style="padding: 2px;">Y</td><td style="padding: 2px;">V</td><td style="padding: 2px;">Y</td><td style="padding: 2px;">U</td><td style="padding: 2px;">Y</td><td style="padding: 2px;">V</td><td style="padding: 2px;">Y</td><td style="padding: 2px;">...</td><td style="padding: 2px;">U</td><td style="padding: 2px;">Y</td><td style="padding: 2px;">...</td> </tr> <tr> <td style="padding: 2px;">11</td><td style="padding: 2px;">11</td><td style="padding: 2px;">11</td><td style="padding: 2px;">12</td><td style="padding: 2px;">13</td><td style="padding: 2px;">13</td><td style="padding: 2px;">13</td><td style="padding: 2px;">14</td><td style="padding: 2px;">...</td><td style="padding: 2px;">21</td><td style="padding: 2px;">21</td><td style="padding: 2px;">...</td> </tr> </table> </div> </div> <div style="display: flex; align-items: center; margin-top: 5px;"> <div style="margin-right: 5px;">Byte0</div> <div style="margin-right: 5px;">msb</div> <div style="margin-right: 5px;">lsb</div> </div>	U	Y	V	Y	U	Y	V	Y	...	U	Y	...	11	11	11	12	13	13	13	14	...	21	21	...
U	Y	V	Y	U	Y	V	Y	...	U	Y	...																	
11	11	11	12	13	13	13	14	...	21	21	...																	
YUV444Packed YUV8_UYV	0x02180020	YUV444Packed (0x52)	Bpp24 (0x18)	<div style="text-align: center;">Image data</div> <div style="display: flex; align-items: center;"> <div style="margin-right: 5px;">msb</div> <div style="border: 1px solid black; padding: 2px;"> <table style="border-collapse: collapse; text-align: center;"> <tr> <td style="padding: 2px;">U</td><td style="padding: 2px;">Y</td><td style="padding: 2px;">V</td><td style="padding: 2px;">U</td><td style="padding: 2px;">Y</td><td style="padding: 2px;">V</td><td style="padding: 2px;">U</td><td style="padding: 2px;">Y</td><td style="padding: 2px;">...</td><td style="padding: 2px;">U</td><td style="padding: 2px;">Y</td><td style="padding: 2px;">...</td> </tr> <tr> <td style="padding: 2px;">11</td><td style="padding: 2px;">11</td><td style="padding: 2px;">11</td><td style="padding: 2px;">12</td><td style="padding: 2px;">12</td><td style="padding: 2px;">12</td><td style="padding: 2px;">13</td><td style="padding: 2px;">13</td><td style="padding: 2px;">...</td><td style="padding: 2px;">21</td><td style="padding: 2px;">21</td><td style="padding: 2px;">...</td> </tr> </table> </div> </div> <div style="display: flex; align-items: center; margin-top: 5px;"> <div style="margin-right: 5px;">Byte0</div> <div style="margin-right: 5px;">msb</div> <div style="margin-right: 5px;">lsb</div> </div>	U	Y	V	U	Y	V	U	Y	...	U	Y	...	11	11	11	12	12	12	13	13	...	21	21	...
U	Y	V	U	Y	V	U	Y	...	U	Y	...																	
11	11	11	12	12	12	13	13	...	21	21	...																	

## 2. Others

### 2.1. Revision History

Date	Version	Description
2016/05/24	1.0.0	Created the initial version

### 2.2. Disclaimer

The disclaimer of this document is described in "License Agreement TeliCamSDK Eng.pdf" in TeliCamSDK installation folder.

Make sure to read this Agreement carefully before using it.

Refer to TeliCamSDK installation folder/Documents/License folder