**OPEN SOURCE SOFTWARE NOTICE**

Please note we provide an open source software notice along with this product and/or this product firmware (in the following just “this product”). The open source software licenses are granted by the respective right holders. And the open source licenses prevail all other license information with regard to the respective open source software contained in the product, including but not limited to End User Software Licensing Agreement. This notice is provided on behalf of Huawei Technologies Co. Ltd. and any of its local subsidiaries which may have provided this product to you in your local country.

**Warranty Disclaimer**

**The open source software in this product is distributed in the hope that it will be useful, but WITHOUT ANY WARRANTY, without even the implied warranty of MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the applicable licenses for more details.**

**Copyright Notice and License Texts**

Software: HdrHistogram 2.1.12

**Copyright notice:**

Copyright (c) 2014 Michael Barker  
Copyright (c) 2012, 2013, 2014, 2015, 2016 Gil Tene  
Copyright (c) 2014 Matt Warren All rights reserved.

**License:** Public Domain and BSD and CC0

Anyone is free to copy, modify, publish, use, compile, sell, or distribute this software, either in source code form or as a compiled  
binary, for any purpose, commercial or non-commercial, and by any means.  
  
BSD Zero Clause License  
Copyright (c) 2012, 2013, 2014, 2015, 2016 Gil Tene

Copyright (c) 2014 Michael Barker

Copyright (c) 2014 Matt Warren

All rights reserved

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

1. Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.

2. Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT HOLDER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.  
  
Creative Commons Legal Code  
  
CC0 1.0 Universal  
  
 CREATIVE COMMONS CORPORATION IS NOT A LAW FIRM AND DOES NOT PROVIDE  
 LEGAL SERVICES. DISTRIBUTION OF THIS DOCUMENT DOES NOT CREATE AN  
 ATTORNEY-CLIENT RELATIONSHIP. CREATIVE COMMONS PROVIDES THIS  
 INFORMATION ON AN "AS-IS" BASIS. CREATIVE COMMONS MAKES NO WARRANTIES  
 REGARDING THE USE OF THIS DOCUMENT OR THE INFORMATION OR WORKS  
 PROVIDED HEREUNDER, AND DISCLAIMS LIABILITY FOR DAMAGES RESULTING FROM  
 THE USE OF THIS DOCUMENT OR THE INFORMATION OR WORKS PROVIDED  
 HEREUNDER.  
  
Statement of Purpose  
  
The laws of most jurisdictions throughout the world automatically confer  
exclusive Copyright and Related Rights (defined below) upon the creator  
and subsequent owner(s) (each and all, an "owner") of an original work of  
authorship and/or a database (each, a "Work").  
  
Certain owners wish to permanently relinquish those rights to a Work for  
the purpose of contributing to a commons of creative, cultural and  
scientific works ("Commons") that the public can reliably and without fear  
of later claims of infringement build upon, modify, incorporate in other  
works, reuse and redistribute as freely as possible in any form whatsoever  
and for any purposes, including without limitation commercial purposes.  
These owners may contribute to the Commons to promote the ideal of a free  
culture and the further production of creative, cultural and scientific  
works, or to gain reputation or greater distribution for their Work in  
part through the use and efforts of others.  
  
For these and/or other purposes and motivations, and without any  
expectation of additional consideration or compensation, the person  
associating CC0 with a Work (the "Affirmer"), to the extent that he or she  
is an owner of Copyright and Related Rights in the Work, voluntarily  
elects to apply CC0 to the Work and publicly distribute the Work under its  
terms, with knowledge of his or her Copyright and Related Rights in the  
Work and the meaning and intended legal effect of CC0 on those rights.  
  
1. Copyright and Related Rights. A Work made available under CC0 may be  
protected by copyright and related or neighboring rights ("Copyright and  
Related Rights"). Copyright and Related Rights include, but are not  
limited to, the following:  
  
 i. the right to reproduce, adapt, distribute, perform, display,  
 communicate, and translate a Work;  
 ii. moral rights retained by the original author(s) and/or performer(s);  
iii. publicity and privacy rights pertaining to a person's image or  
 likeness depicted in a Work;  
 iv. rights protecting against unfair competition in regards to a Work,  
 subject to the limitations in paragraph 4(a), below;  
 v. rights protecting the extraction, dissemination, use and reuse of data  
 in a Work;  
 vi. database rights (such as those arising under Directive 96/9/EC of the  
 European Parliament and of the Council of 11 March 1996 on the legal  
 protection of databases, and under any national implementation  
 thereof, including any amended or successor version of such  
 directive); and  
vii. other similar, equivalent or corresponding rights throughout the  
 world based on applicable law or treaty, and any national  
 implementations thereof.  
  
2. Waiver. To the greatest extent permitted by, but not in contravention  
of, applicable law, Affirmer hereby overtly, fully, permanently,  
irrevocably and unconditionally waives, abandons, and surrenders all of  
Affirmer's Copyright and Related Rights and associated claims and causes  
of action, whether now known or unknown (including existing as well as  
future claims and causes of action), in the Work (i) in all territories  
worldwide, (ii) for the maximum duration provided by applicable law or  
treaty (including future time extensions), (iii) in any current or future  
medium and for any number of copies, and (iv) for any purpose whatsoever,  
including without limitation commercial, advertising or promotional  
purposes (the "Waiver"). Affirmer makes the Waiver for the benefit of each  
member of the public at large and to the detriment of Affirmer's heirs and  
successors, fully intending that such Waiver shall not be subject to  
revocation, rescission, cancellation, termination, or any other legal or  
equitable action to disrupt the quiet enjoyment of the Work by the public  
as contemplated by Affirmer's express Statement of Purpose.  
  
3. Public License Fallback. Should any part of the Waiver for any reason  
be judged legally invalid or ineffective under applicable law, then the  
Waiver shall be preserved to the maximum extent permitted taking into  
account Affirmer's express Statement of Purpose. In addition, to the  
extent the Waiver is so judged Affirmer hereby grants to each affected  
person a royalty-free, non transferable, non sublicensable, non exclusive,  
irrevocable and unconditional license to exercise Affirmer's Copyright and  
Related Rights in the Work (i) in all territories worldwide, (ii) for the  
maximum duration provided by applicable law or treaty (including future  
time extensions), (iii) in any current or future medium and for any number  
of copies, and (iv) for any purpose whatsoever, including without  
limitation commercial, advertising or promotional purposes (the  
"License"). The License shall be deemed effective as of the date CC0 was  
applied by Affirmer to the Work. Should any part of the License for any  
reason be judged legally invalid or ineffective under applicable law, such  
partial invalidity or ineffectiveness shall not invalidate the remainder  
of the License, and in such case Affirmer hereby affirms that he or she  
will not (i) exercise any of his or her remaining Copyright and Related  
Rights in the Work or (ii) assert any associated claims and causes of  
action with respect to the Work, in either case contrary to Affirmer's  
express Statement of Purpose.  
  
4. Limitations and Disclaimers.  
  
 a. No trademark or patent rights held by Affirmer are waived, abandoned,  
 surrendered, licensed or otherwise affected by this document.  
 b. Affirmer offers the Work as-is and makes no representations or  
 warranties of any kind concerning the Work, express, implied,  
 statutory or otherwise, including without limitation warranties of  
 title, merchantability, fitness for a particular purpose, non  
 infringement, or the absence of latent or other defects, accuracy, or  
 the present or absence of errors, whether or not discoverable, all to  
 the greatest extent permissible under applicable law.  
 c. Affirmer disclaims responsibility for clearing rights of other persons  
 that may apply to the Work or any use thereof, including without  
 limitation any person's Copyright and Related Rights in the Work.  
 Further, Affirmer disclaims responsibility for obtaining any necessary  
 consents, permissions or other rights required for any use of the  
 Work.  
 d. Affirmer understands and acknowledges that Creative Commons is not a  
 party to this document and has no duty or obligation with respect to  
 this CC0 or use of the Work.