



SigmaStar Camera RTC 使用参考



© 2019 SigmaStar Technology Corp. All rights reserved.

SigmaStar Technology makes no representations or warranties including, for example but not limited to, warranties of merchantability, fitness for a particular purpose, non-infringement of any intellectual property right or the accuracy or completeness of this document, and reserves the right to make changes without further notice to any products herein to improve reliability, function or design. No responsibility is assumed by SigmaStar Technology arising out of the application or use of any product or circuit described herein; neither does it convey any license under its patent rights, nor the rights of others.

SigmaStar is a trademark of SigmaStar Technology Corp. Other trademarks or names herein are only for identification purposes only and owned by their respective owners.



REVISION HISTORY

Revision No.	Description	Date
{0.1}	• {Initial release}	{07/28/2018}



TABLE OF CONTENTS

REVISION HISTORY	i
TABLE OF CONTENTS.....	ii
1. 概述.....	1
2. RTC 操作方法及规范	2
2.1. 显示系统时间	2
2.2. 设置系统时间	2
2.3. Show RTC Clock	2
2.4. Set RTC Clock to System Clock	2



1. 概述

RTC 采用标准的 LINUX 框架，能够使用统一的接口来操作 RTC。

2. RTC 操作方法及规范

2.1. 显示系统时间

命令: **date**

```
/ # date  
Thu Jan 1 00:00:04 UTC 1970
```

Figure 1: 图 2-1

2.2. 设置系统时间

命令: **date MMDDhhmmYYYY.ss**

MM : month(01-12);

DD : day(01-31);

Hhmm : time(0000-2359);

YYYY : year[optional];

ss : seconds(00-59) [optional]

```
/ # date 112214582015.30  
Sun Nov 22 14:58:30 UTC 2015
```

Figure 2: 图 2-2

2.3. Show RTC Clock

命令: **hwclock**

```
/ # hwclock  
Thu Jan 1 00:00:05 1970 0.000000 seconds
```

Figure 3: 图 2-3

2.4. Set RTC Clock to System Clock

命令: **hwclock -w**

```
/ # hwclock -w  
/ # hwclock  
Sun Nov 22 14:58:37 2015 0.000000 seconds
```

Figure 4: 图 2-4