

# VDB-310/320

4/8 ch Mini-PCle Video Capture Card Support 4/8 CCTV Cameras Input and 4/8 MIC Input at the Same Time



## Features

- Mini-PCle (Mini Card) Interface
- Up to 4-channel Video Inputs (VDB-310)  
Up to 8-channel Video Inputs (VDB-320)
- D1, Half-D1, CIF Resolution
- Windows Driver & SDK Provide

### System

|                     |  |
|---------------------|--|
| <b>Dimension</b>    | 30 x 50.95 mm                                    |
| <b>Interface</b>    | Mini card (PCIe x 1)                             |
| <b>ADC</b>          | 10BITS   |
| <b>Video Input</b>  | 4CH (VDB-310) / 8CH (VDB-320)                    |
| <b>Audio Input</b>  | 4CH (VDB-310) / 8CH (VDB-320)                    |
| <b>Audio Format</b> | MONO / 8 ~ 16BITS / 8000 ~ 48000HZ               |
| <b>WatchDog</b>     | 1~255 Level                                      |
| <b>Board Temp.</b>  | 40°C   |
| <b>SDK</b>          | VC++ / .NET / BCB / VB V4L2                      |
| <b>VGA</b>          | 1024 x 768, DirectX 9.0c Compatible Graphic Card |

### Software

|                         |  |
|-------------------------|--|
| <b>Operating System</b> | Win XP / Vista / 7 / 10, Linux 2.6.20 or Higher<br>(32 Bits and 64 Bits) |
|-------------------------|--|

### Ordering Information

|                |   |
|----------------|---|
| <b>VDB-310</b> | 573100071090<br>4-ch Mini-PCle video capture card with Software Develop Kit |
| <b>VDB-320</b> | 573200071090<br>8-ch Mini-PCle video capture card with Software Develop Kit |

### Display Video

|                   |                                |               |
|-------------------|--------------------------------|---------------|
| <b>Format</b>     | YV12, NV12, YUY2, RGB24, RGB32 |               |
| <b>Resolution</b> | NTSC                           | PAL           |
|                   | 720x480@30FPS                  | 720x576@25FPS |
|                   | 704x480@30FPS                  | 704x576@25FPS |
|                   | 640x480@30FPS                  | 640x576@25FPS |
|                   | 720x240@30FPS                  | 720x288@25FPS |
|                   | 704x240@30FPS                  | 704x288@25FPS |
|                   | 640x240@30FPS                  | 640x288@25FPS |
|                   | 360x240@30FPS                  | 360x288@25FPS |
|                   | 352x240@30FPS                  | 352x288@25FPS |
|                   | 320x240@30FPS                  | 320x288@25FPS |

### Recording Video

|                      |                                      |               |
|----------------------|--------------------------------------|---------------|
| <b>Format</b>        | MPEG4 / H.264 (Software Compression) |               |
| <b>Resolution</b>    | NTSC                                 | PAL           |
| <b>(Dual Stream)</b> | 720x480@30FPS                        | 720x576@25FPS |
|                      | 704x480@30FPS                        | 704x576@25FPS |
|                      | 640x480@30FPS                        | 640x576@25FPS |
|                      | 720x240@30FPS                        | 720x288@25FPS |
|                      | 704x240@30FPS                        | 704x288@25FPS |
|                      | 640x240@30FPS                        | 640x288@25FPS |
|                      | 360x240@30FPS                        | 360x288@25FPS |
|                      | 352x240@30FPS                        | 352x288@25FPS |
|                      | 320x240@30FPS                        | 320x288@25FPS |