

FXVD4 video capture cards

High quality 4-channels video capture card specially developed for the CARMEN® systems



FXVD4mc_s is a high quality 4-channels video capture card specially developed for the CARMEN® ANPR and ACCR system. Its incredible stable driver and high performance make it ideal for several other applications as well.

FXVD4mc_s is based on the Bt878 video capture chip whose state-of-the-art architecture provides high quality images. The services of the chip are supported by additional on-card hardware modules allowing the card to achieve outstanding high performance.

Apart from its primary function of digitizing the video signal, the chip communicates with the on-card RISC co-processor. This co-processor functions as integrated hardware protection for CARMEN® software.

With the help of watchdog function, the card can reboot computers in case of system crashes, which considerably improves the stability and reliability of stand-alone systems.

The card is developed to handle both PAL and NTSC analogue composite video signals, received through any of the four BNC input connectors.

The switching times among the input channels of the card are as fast as 30 milliseconds, thus it enables the user to build high-speed sequential systems handling the signals of four video channels simultaneously.

Four types of FXVD4 are available:

FXVD4mc_sF (FreeFlow): Video capturing functions and cooperation with Carmen FreeFlow ANPR software are both available.

FXVD4mc_sP (Parking): Video capturing functions and cooperation with Carmen Parking ANPR software are both available.

FXVD4mc_sL (Limited): Video capturing functions are available.

FXVD4mc_sC (Container): Video capturing functions and cooperation with CARMEN® ACCR software are both available.