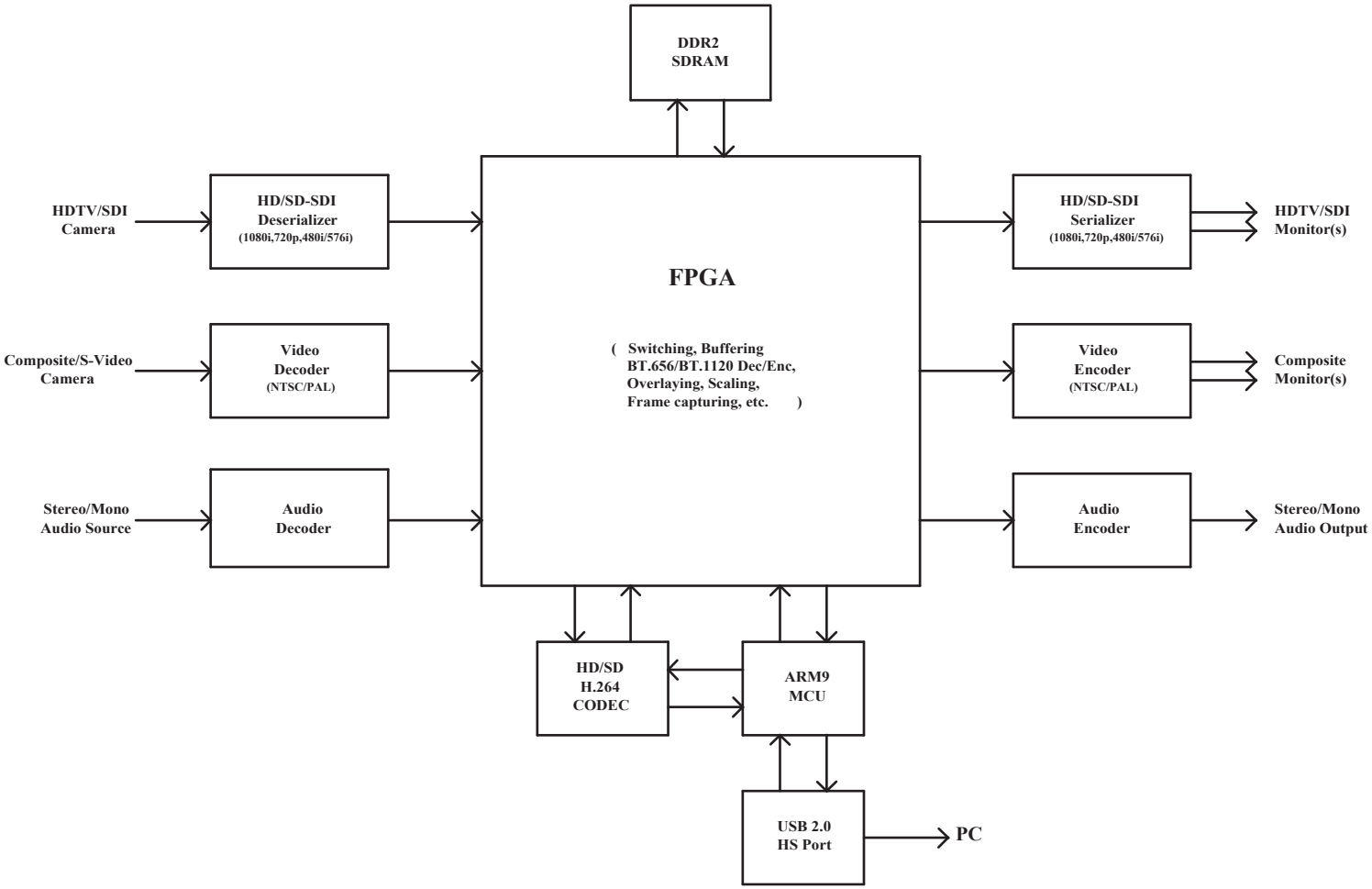
DDR2
SDRAM
HDTV/SDI
Camera
HD/SD-SDI
Deserializer
(1080i,720p,480i/576i)
Composite/S-Video
Camera
Video
Decoder
(NTSC/PAL)
Stereo/Mono
Audio Source
Audio
Decoder
FPGA
(Switching, Buffering
BT.656/BT.1120 Dec/Enc,
Overlaying, Scaling,
Frame capturing, etc.)
HD/SD-SDI
Serializer
(1080i,720p,480i/576i)
HDTV/SDI
Monitor(s)
Video
Encoder
(NTSC/PAL)
Composite
Monitor(s)
Audio
Encoder
Stereo/Mono
Audio Output
HD/SD
H.264
CODEC
ARM9
MCU
USB 2.0
HS Port
PC