

Domain: General

Profile class: Input

Sub-class: spectralInput

Use case: Connecting multichannel input data to a Material Connection Space (MCS).

This ICS defines requirements for ICC profiles whose primary purpose is to convert multichannel input data to material amounts in a material connection space. Subsequent conversion to colorimetric visualization can be achieved by converting from MCS to PCS using an MVIS profile.

The contents of this document shall be considered as a restrictive addendum to the iccMax v5 basis specification with no additional functionality that cannot already be found in the basis specification.

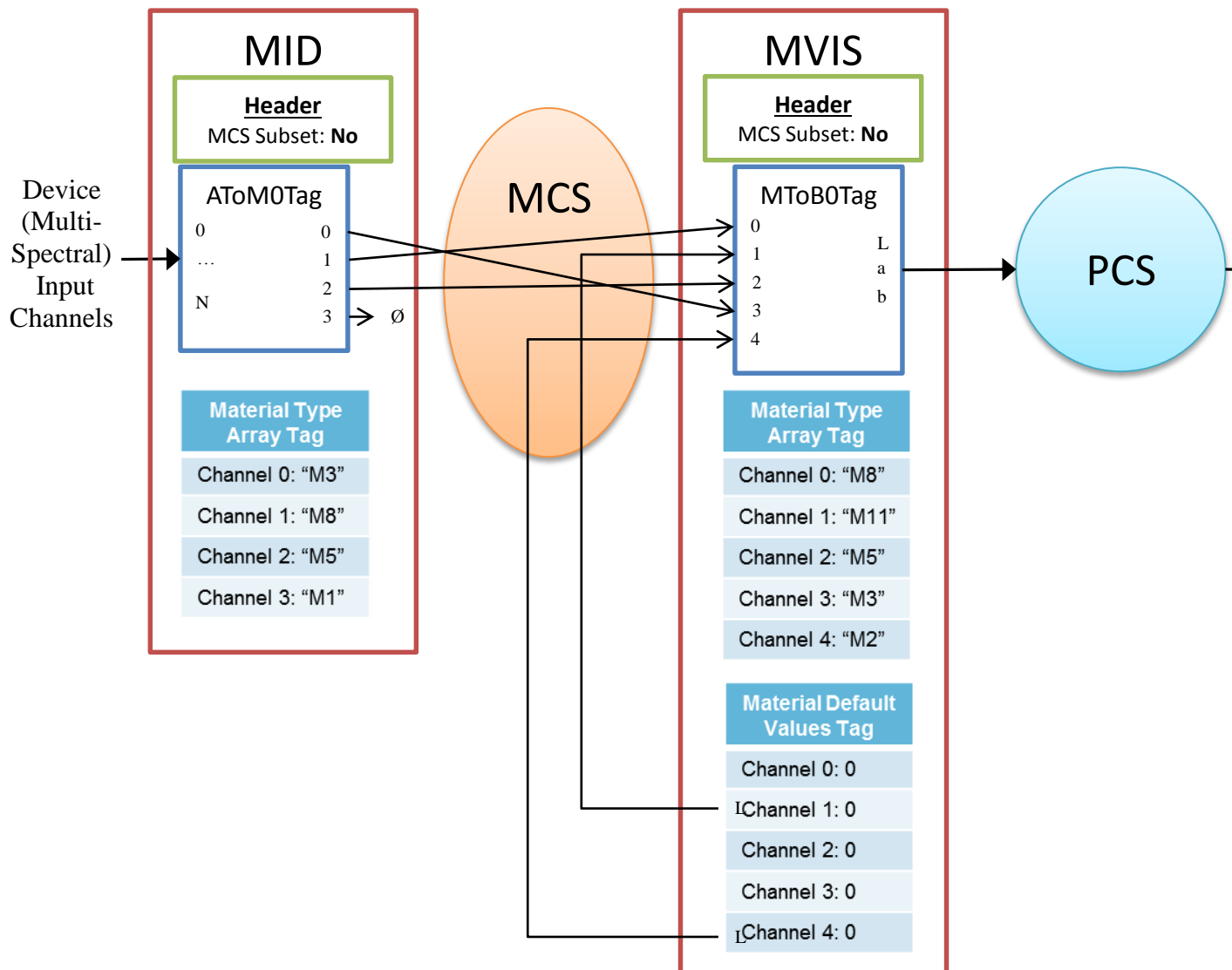
Header

Header field	Required content
Profile class	'scnr'
Profile subclass	spectralInput 'spin' ??
Profile subclass major version	1
Profile subclass minor version	0
Data colour space	'ncxxxx' where xxxx is the number of channels of the data encoding
MCS	'mcxxxx' where xxxx is the number of spectral channels of the PCS
Bispectral PCS	0

Required tags

Tag name	Signature(s)	Required content
AToM0Tag	'A2M0'	multiProcessElementType containing transform from data colour encoding to material connection space. This transform will normally be a xxxx x n matrix, where xxxx is the number of material channels of the MCS and n is the number of channels of the input data encoding
materialTypeArrayTag		

Workflow:



Profiles of this sub-type shall be capable of connecting to:

Profiles of this sub-type may also be capable of connecting to: