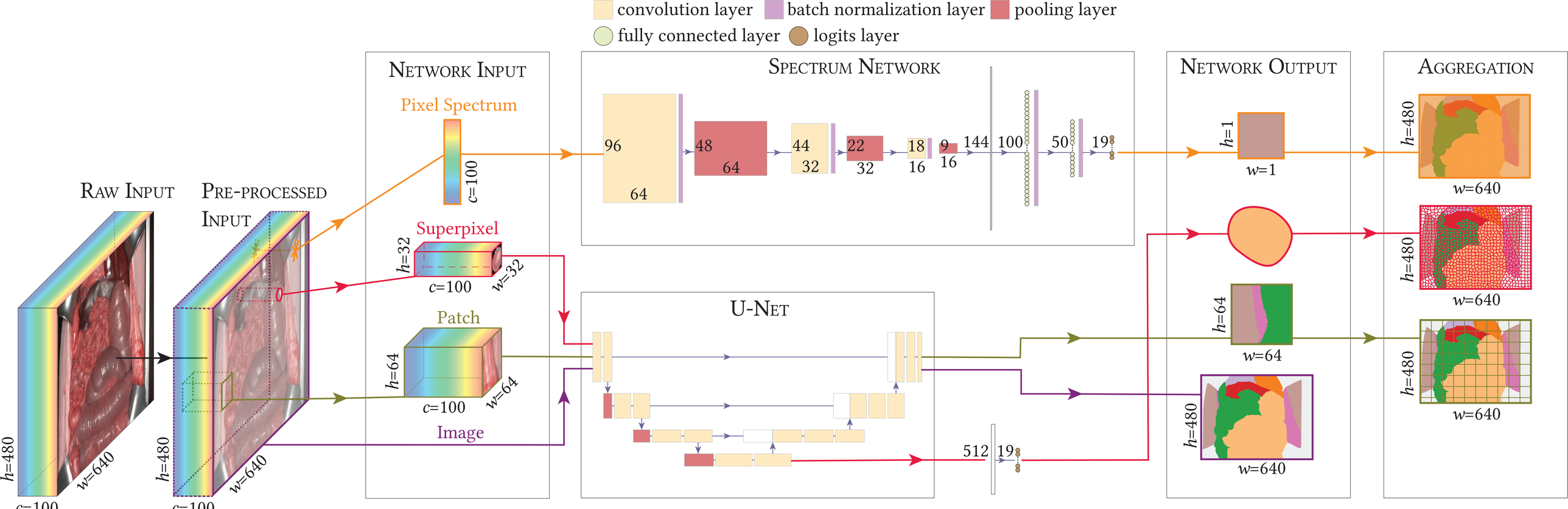
convolution layer
batch normalization layer
pooling layer
fully connected layer
logits layer
Raw Input
Pre-processed Input
Network Input
Pixel Spectrum
c=100
Superpixel
h=32
w=32
c=100
Patch
h=64
w=64
c=100
Image
h=480
w=640
c=100
h=480
w=640
c=100
Spectrum Network
96
64
48
64
44
32
22
32
18
16
9
16
144
100
50
19
U-Net
512
19
Network Output
h=1
w=1
h=64
w=64
h=480
w=640
Aggregation
h=480
w=640
h=480
w=640
h=480
w=640