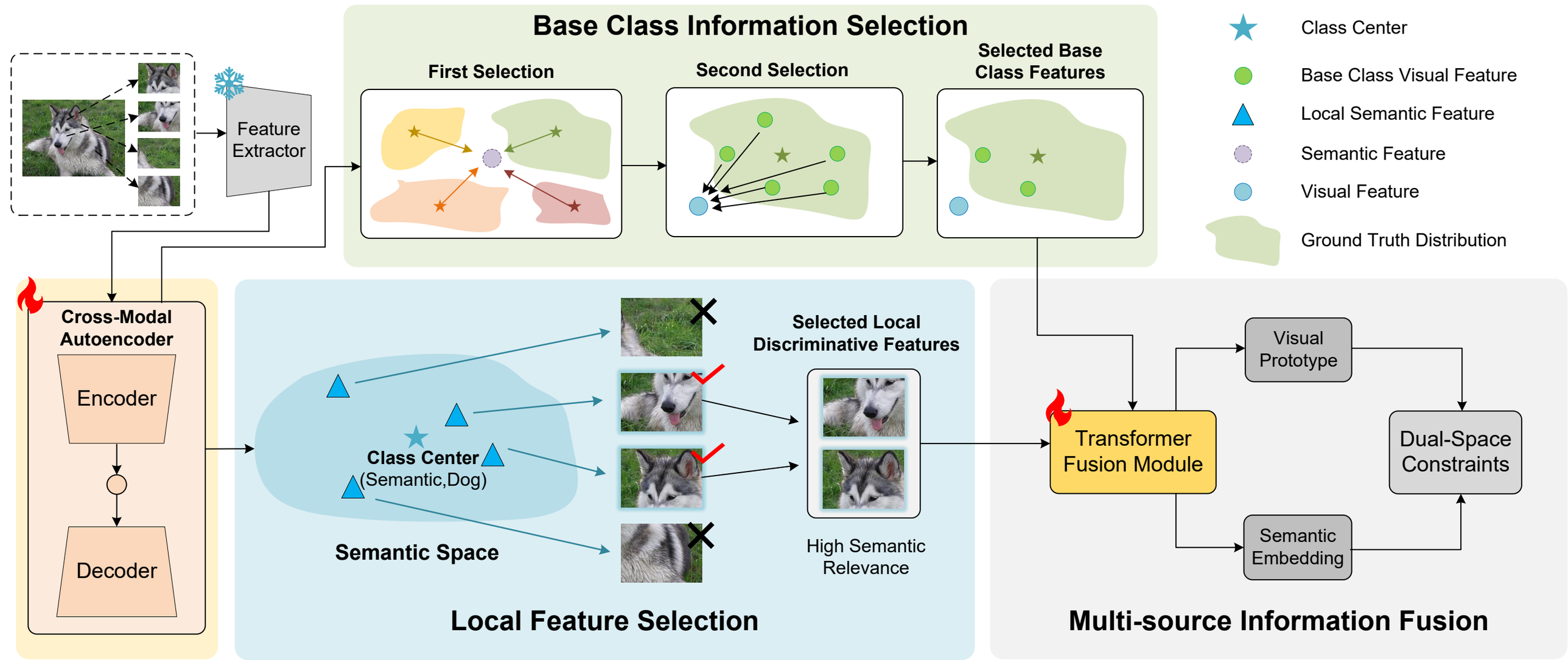
Base Class Information Selection
First Selection
Second Selection
Selected Base Class Features
Class Center
Base Class Visual Feature
Local Semantic Feature
Semantic Feature
Visual Feature
Ground Truth Distribution
Feature Extractor
Cross-Modal Autoencoder
Encoder
Decoder
Class Center
(Semantic,Dog)
Semantic Space
Selected Local Discriminative Features
High Semantic Relevance
Local Feature Selection
Transformer Fusion Module
Visual Prototype
Semantic Embedding
Dual-Space Constraints
Multi-source Information Fusion