intel FakeCatcher Deepfake Detector User Guide
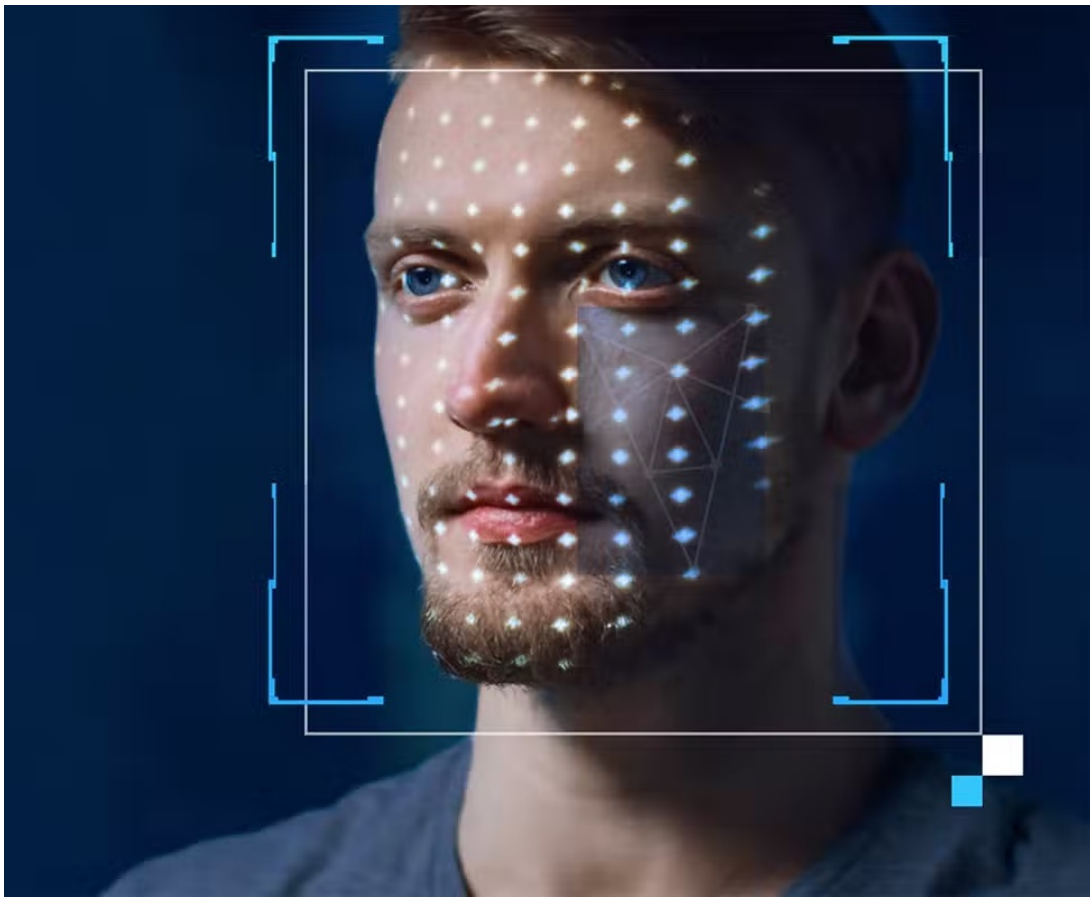
Contents

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FakeCatcher

the world's first real-time deepfake detector
Pioneered by Intel, the FakeCatcher deepfake detector analyzes "blood flow" in video pixels to determine a video's authenticity in milliseconds.

What is a deepfake?
Deepfakes are synthetic videos, images, or audio clips where the actor or the action of the actor is not real.

72 concurrent
real-time deepfake detection streams on 3rd Gen Intel® Xeon® Scalable processors

96%
FakeCatcher's accuracy for deepfake detection

- FakeCatcher is the first deepfake detection algorithm that uses heart rates.

How could FakeCatcher be used?

Content Creation Tools
Integrated detection in editing software used by content creators and broadcasters.

Media & Broadcasters
Detection in news video footage, particularly background (b-roll) sourced from third parties.

Social Media
Detection as part of a screening process on user-generated content.

AI for Social Good
Democratized deepfake detection via a common platform, enabling any person or entity to confirm the authenticity of a video.

Documents / Resources

intel FakeCatcher Deepfake Detector [pdf] User Guide
FakeCatcher Deepfake Detector, FakeCatcher, Deepfake Detector, Detector

Manuals+,