DATASHEET

Video Grabber 1080P HDMI











General data

I-USB-VIDEO-1080TY is a video capture card capable of simultaneously capturing HDMI audio and video and transmitting them to a computer or smartphone, via USB port, for preview and archiving. It is suitable for high definition live video capture and online recording.
It supports maximum input resolution of 4K 60Hz and maximum output resolution of 1920 × 1080 @ 60Hz.
Thanks to its compact size it is very convenient to take with you everywhere.

Features
Supports maximum input resolution of 3840 × 2160 @ 60Hz
Supports maximum output resolution of 1920x1080 @ 60Hz
Supports Deep Color 8/10 / 12bit
Supports standard AWG26 HDMI cables: maximum length 15 meters, (1080P resolution and below)
Supports most of the capture software, such as VLC, OBS, Amcap, etc.
Supports Windows and Android
Compliant with USB Video and UVC standard
Compliant with USB Audio UAC standard
Requires no external power supply
Compact and portable

Technical specifications
HDMI resolution Maximum supported input 3840 × 2160 @ 60Hz

This datasheet was created automatically on 03-11-2026 . Technical changes reserved.

EFB-Elektronik GmbH
Striegauer Straße 1
33719 Bielefeld

fon: +49 521 40 41 8-0
fax: +49 521 40 41 8-50

info@efb-elektronik.de
www.efb-elektronik.de

WIR SORGEN FÜR VERBINDUNG
WE CARE FOR CONNECTION

DATASHEET

Video Grabber 1080P HDMI

Supported video format Deep Color 8/10/12 bit
Video output format YUV, JPEG
Video output resolution The maximum output can be 1920 × 1080 @ 60Hz
Supported audio format L-PCM
Input cable length ≤15m, Standard HDMI cable AWG26
Maximum working current 0.4A / 5VDC
Operating temperature From -10 to + 55 °C)

Connections
Input: HDMI female
Output: USB A male

Dimensions
Length: 64 mm
Depth: 28 mm
Height: 13 mm
Weight: 21.4 g

Certifications
CE
WEEE

Package Contents
I-USB-VIDEO-1080TY video capture card
User Manual

Technical properties	
Connection type primary side	HDMI Type A
Connection type secondary side	USB-A
Service primary side	HDMI
Service secondary side	USB

Available variants		
ArtNr.	**Bezeichnung**	**Unique**
I-USB-VIDEO-1080TY	Video Grabber 1080P HDMI	Unique

Note on Intended Use

This data sheet is intended solely to describe the technical characteristics of the product. It does not replace an assessment of the product's suitability for a specific application. The user is responsible for ensuring that the product is used in accordance with its technical specifications and applicable legal and regulatory requirements.

This datasheet was created automatically on 03-11-2026 . Technical changes reserved.

EFB-Elektronik GmbH
Striegauer Straße 1
33719 Bielefeld

fon: +49 521 40 41 8-0
fax: +49 521 40 41 8-50

info@efb-elektronik.de
www.efb-elektronik.de

WIR SORGEN FÜR VERBINDUNG
WE CARE FOR CONNECTION