



TECHNICAL SPECIFICATIONS

THE CENAREO PLAYER, January 2024



For technical enquiries,
[contact us here.](#)



The Cenareo player

General presentation

The Cenareo player is a dedicated compact video player designed to work only with the Cenareo platform.

The Cenareo player has the following characteristics:

length: 104 mm, width: 74 mm

height: 30 mm, weight: 108 grams

Power consumption

The Cenareo player's power consumption is less than 4 watts.

The Cenareo player

The Cenareo player has the following usable interfaces:

RJ45 100Mbit LAN port

HDMI

DC 5V 2A with AC adapter

USB ports

2.4GHz (5GHz on demand)

Bandwidth

Bandwidth usage is reduced as much as possible. New content is compressed, sent and stored on the player. Successive broadcasts do not require additional data transfer. The required download speed is therefore low. A download speed of 512kb/s is sufficient for most uses.

Security



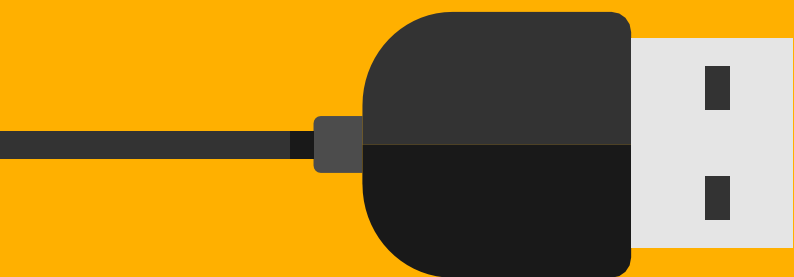
The broadcast terminals use a GNU/Linux system with a minimum of network services.

All connections between these machines and the Cenareo servers are encrypted.

All communications with Cenareo servers are via HTTPS.

Remote maintenance is carried out via a VPN.

Connectivity



Wired: IEEE 802.3 (Ethernet) standard, Wireless: IEEE 802.11 b/g/n (Wi-Fi) standard.

To operate properly, the Cenareo player requires the following network ports to be unlocked:

Port	Transport	Use
123	UDP	Time updates [NTP]
53	UDP	Name resolution [DNS]
443	TCP	Communication with the Cenareo server [HTTPS]

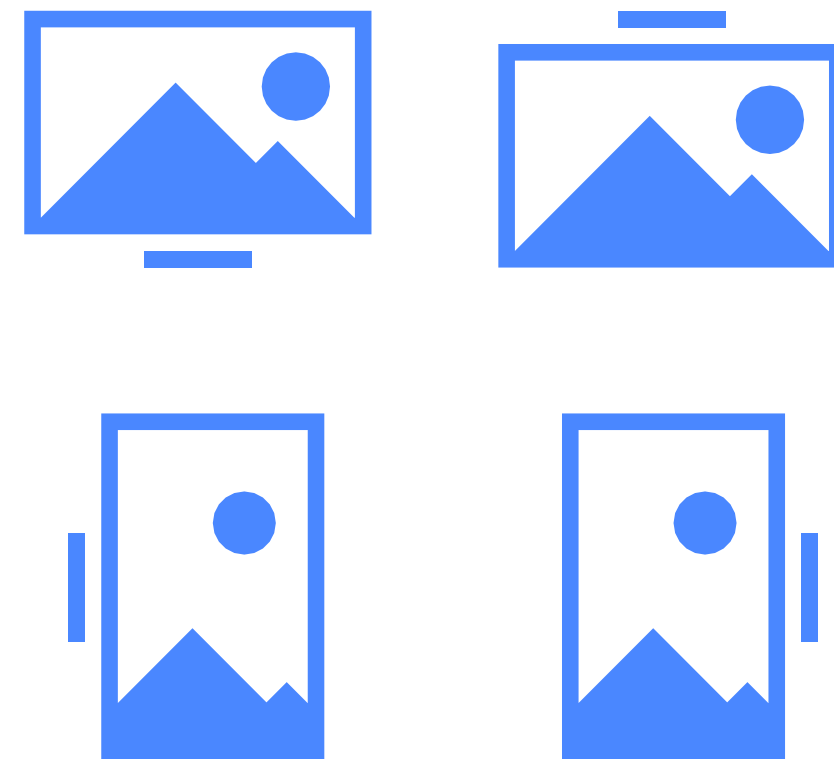
Note: If a captive portal is set up on your network, it will need to be disabled for all the Cenareo players. The MAC address of a Cenareo player can be accessed via the Information page of a screen. Under the screen picture, click on Settings, and then click on Technical Information.

Broadcast

The player is capable of broadcasting in all display resolutions up to 1920x1080. For optimal display quality, we recommend you use the HD format (1920x1080). The player is compatible with 4K screens and will broadcast in Full HD on the entire screen.

Orientation and Direction

The player Cenareo is capable of broadcasting in portrait and landscape, and in all directions.



Accepted Extensions

3G2 F4V MKV OGG SVGZ
3GP FLV MOV OGV TIF
AAF GIF MP4 PDF TIFF ASF
JPEG MPEG PNG VOB ASX
JPG MPG RM WEBM AVI
M4V MTS SVG WMV BMP

Accepted Codecs

4XM	DVVIDEO	MAD	R10K	V308
8BPS	DXA	MDEC	R210	V408
AASC	DXTORY	MIMIC	RAWVIDEO	V410
AMV	ESCAPE124	MJPEG	RL2	VB
ANM	ESCAPE130	MJPEGB	ROQ	VBLE
ANSI	EXR	MMVIDEO	RPZA	VC 1
ASV 1	FFV1	MOTIONPIXELS	RV10	VC1IMAGE
ASV 2	FFVHUFF	MPEG1VIDEO	RV20	VCR1
AURA	FLASHSV	MPEG2VIDEO	RV30	VIXL
AURA2	FLASHSV2	MPEG4	RV40	VMDVIDEO
AVRN	FLIC	MPEGVIDEO_XVMC	SANM	VMNC
AVRP	F LV1	MSA1	SGI	VP3
AVS	FRAPS	MSMPEG4V1	SMACKVIDEO	VP5
AVUI	FRWU	MSMPEG4V2	SMC	VP6
AYUV	GIF	MSMPEG4V3	SNOW	VP6A
BETHSOFTVID	H261	MSRLE	SP5X	VP6F
BFI	H263	MSS1	SUNRAST	VP8
BINKVIDEO	H263I	MSS2	SVQ 1	WMV1
BINTEXT	H263P	MSVIDEO1	SVQ 3	WMV2
BMP	H264	MSZH	TARGA	WMV3
BM V_VIDEO	HUFFYUV	MTS2	TGQ	WMV3IMAGE
C93	IDCIN	MXPEG	TGV	WNV1
CAVS	IDF	NUV	THEORA	WS_VQ A
CDGRAPHICS	IF F_BYTERUN1	PA F_VIDEO	THP	XAN _WC3
CDXL	IF F_ILBM	PAM	TIERTEXSEQVIDEO	XAN _WC4
CINEPAK	INDEO2	PBM	TIFF	XBIN
CLJR	INDEO3	PCX	TMV	XBM
CLLC	INDEO4	PGM	TQI	XWD
CMV	INDEO5	PGMYUV	TRUEMOTION1	Y41P
CPIA	INTERPLAYVIDEO	PICTOR	TRUEMOTION2	YOP
CSCD	JPEG2000	PNG	TSCC	YUV4
CYUV	JPEGLS	PPM	TSCC2	ZEROCODEC
DFA	JV	PRORES	TXD	ZLIB
DIRAC	KGV 1	PTX	U LTI	ZMBV
DNXHD	KMVC	QDRAW	UTVIDEO	
DPX	LAGARITH	QPEG	V210	
DSICINVIDEO	LOCO	QTRLE	V210X	



20K
écrans connectés

32
pays

+1 milliard
d'affichages/mois

10 ans
d'expérience