

# Synectics D1080

## Single-Channel Agnostic Decoder

Reliably decodes any  
Synectics compatible  
camera or encoding device.



Synectics D1080 single-channel decoder is an agnostic device suitable for use with any ONVIF or PSIA compliant or Synectics compatible device<sup>1</sup> including, IP, Megapixel and HD cameras, and H.264 encoders. The unit decodes to full frame rate to composite, coax, or S-Video outputs for the display of live video on an analogue display, or the transmission of IP feeds to an analogue matrix.

A flexible and future-proof device, the D1080 can be deployed across a site as the sole decoding solution<sup>1</sup> – users are not constrained by the need to use the specific camera manufacturers' decoder.

The D1080 is fully compatible with Synectics PSN 3 storage appliances, and Synergy 3 command and control platform. The unit can accept feeds

from PSN appliances for the playback of recorded video from all Synectics compatible video devices and through Synergy users can configure and manage auto switching, sequencing on alarm activation and advanced macro management.

<sup>1</sup> For a complete list of compatible devices please contact Synectics.

# Specifications

PORTS	
USB	2 x USB
Ethernet	1000bt NIC
Video Outputs	1 x Composite / 1 x S-Video /VGA for Engineering
Power	8-19VDC Socket (Supplied)
APPLIANCE FUNCTIONALITY	
Interlaced Output	Sampled at 1024 x 768 @60hz converted to either: PAL – 720 x 576 @25fps / NTSC – 720 x 480 @30fps
Inbound Stream Support (All fps is maximum, lower frames are supported)	Single Screen – 8mbps 30fps Max
De-warping	N/A
OSD Configurable	Cam / Mon –YY/MM/DD HH/MM/SS
POWER	
Power Supply	AC Adaptor
AC Adaptor	Input 100 V to 240V AC, 50Hz/60hz, Output 12-17V DC, 5.00A
Power Brick Size (H x W x D)	55 mm x 35 mm x 120 mm / 2" x 1.4" x 4.7"
Power Usage	30 W Normal / 40 W Max
GENERAL	
Size (H x W x D)	197 mm x 205 mm x 35 mm / 7.75" x 8" x 1.3"
Weight	0.5 kg / 1 lb
Operating Temperature	0°C – 30°C
Storage Temperature	-10°C – 85°C
Max Resolution	800 x 600 / D1
Max Mbps	Single Screen – 8Mbps
Humidity	30% to 80% Non-Condensing
Mounting	Wall or Shelf Mountable
Certifications	CE / FCC Class A