

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 device¹ 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 analog display, or the transmission of IP feeds to an analog matrix.

A flexible and future-proof device, the D1080 can be deployed across a site as the sole decoding solution¹ – 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.

¹ 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 |