



16-CHANNEL H.265 SECURITY HYBRID DVR

A professional analog and digital recording solution for small or mid-size business applications featuring 8.0 megapixel resolution supporting both IP and analog cameras

Features:

- + Support up to 8MP Lite recording on analog cameras and up to 8MP recording of IP cameras
- + Up to 16 analog cameras & 8 IP cameras can be connected - up to 24 cameras total
- + H.265/H.264 video compression
- + 16-channel synchronous playback
- + Up to 72 Mbps incoming IP bandwidth
- + Free Mobile App & CMS
- + One-click Cloud firmware updating
- + **Lower Bandwidth and Storage Usage** - supports H.265 and H.264 codecs that help reduce file size, maximize recording time, and save hard drive space.
- + **Durably designed** - to protect against a wide temperature range, from +14°F - +131°F.
- + **Easy management** - an intuitive interface along with access to the free GuardViewer Mobile App and GuardViewer CMS makes management more straightforward.

Protection and Warranty

All Supercircuits purchases are protected by a 30-day money-back guarantee, unlimited US-based technical support, and our 3-year warranty covers your entire purchase, with no asterisks and no exceptions.

SPECIFICATIONS

VIDEO/AUDIO INPUT

Analog Video Input	16-ch, BNC
IP Video Input	8-ch (only IP up to 24 ch), each channel up to 4K
Supported Analog Camera Types	Support AHD input: 8MP @ 15 fps (channel 1 - channel 4), 5MP @ 20 fps, 4MP @ 30 fps, 3MP @ 30 fps (channel 1 - channel 4), 1080P @ 30 fps, 720P @ 60 fps Support TVI input: 8MP @ 15 fps (channel 1 - channel 4), 5MP @ 20 fps, 4MP @ 30 fps, 3MP @ 20 fps (channel 1 - channel 4), 1080P @ 30 fps, 720P @ 60 fps Support CVI input: 8MP @ 15 fps (channel 1 - channel 4), 4MP @ 30 fps, 1080P @ 30 fps, 720P @ 60 fps Support CVBS input
Audio Input	1-ch, RCA
Two-way Audio	1-ch, RCA

NETWORK

Incoming Bandwidth	72Mbps
Outgoing Bandwidth	80Mbps
Remote Users	128
Protocols	TCP/IP, P2P, UPnP, NTP, DHCP, PPPoE

VIDEO/AUDIO OUTPUT

CVBS Output	1-ch, BNC
VGA Output	1920 x 1080p / 60 Hz, 1920 x 1080p / 50 Hz, 1600 x 1200 / 60 Hz, 1280 x 1024 / 60 Hz, 1280 x 720 / 60 Hz, 1024 x 768 / 60 Hz
HDMI Output	1920 x 1080p / 60 Hz, 1920 x 1080p / 50 Hz, 1600 x 1200 / 60 Hz, 1280 x 1024 / 60 Hz, 1280 x 720 / 60 Hz, 1024 x 768 / 60 Hz
Audio Output	1-ch, RCA
Synchronous Playback	16-ch

ENCODING

Recording Resolution	8MP Lite / 5MP Lite / 4MP Lite / 3MP / 1080P / 960P / 720P / 960H / 4CIF / CIF
Recording Frame Rate	Main stream: 8MP Lite @ 8 fps (channel 1 - channel 4), 5MP Lite @ 12 fps, 4MP Lite @ 15 fps, 3MP @ 15 fps(channel1-channel4), 2MP @ 15 fps, 720P @ 30 fps Sub stream: D1 @ 30 fps(Max)

HARD DISK

SATA	2 SATA interfaces
Capacity	Up to 10TB for each HDD

SMART

VCA Detection	2-ch Intrusion detection and cross line detection on analog camera
VCA Search	Behavior search on analog camera

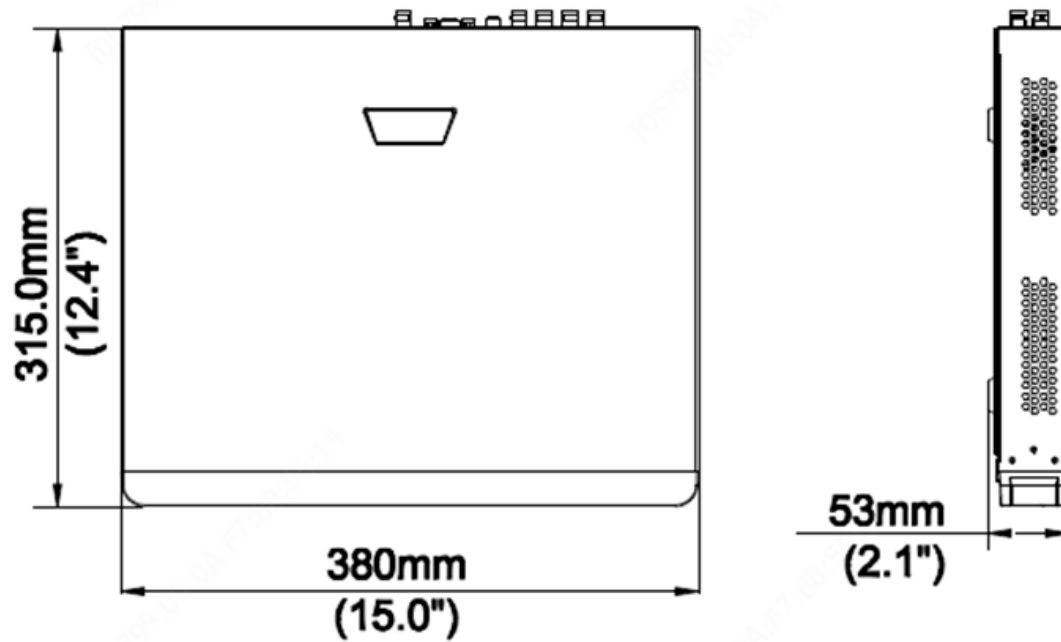
EXTERNAL INTERFACE

Network Interface	1 RJ45 10M / 100M / 1000M self-adaptive Ethernet Interface
USB Interface	Rear panel: 1 x USB3.0, Front panel: 1 x USB2.0
Serial Interface	1 x RS485

GENERAL

Power Supply	12 Vdc Power Consumption: ≤ 12 W (without HDD)
Working Environment	+14°F ~ +131°F (-10°C ~ + 55°C), Relative humidity ≤ 90% (non-condensing)
Dimensions (W×D×H)	15" × 12.4" × 2.1" (380 × 315 × 53 mm)
Weight (without HDD)	4.19 lb.(≤1.9 kg)

DIMENSIONS



REAR PANEL

