

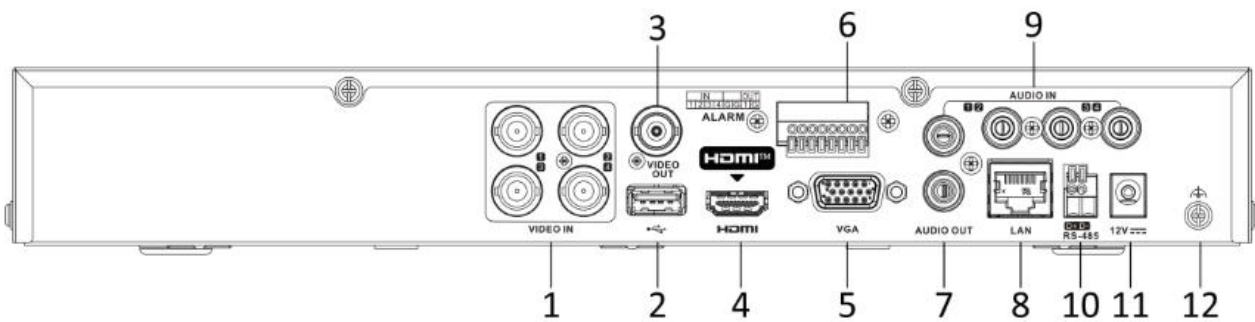
UNO-IOT Products Datasheet

Analog Video Input	4-ch. BNC interface (1.0 Vp-p, 75 Ω), supporting coaxitron connection
Analog Cameras Supported	<p>HDTVI Camera Input</p> <p>3K(2960 x 1665) @ 25/20 fps; 3K(3328x1504) @ 20 fps; 5MP(2560 × 1944) @ 20 fps; 4MP(2560 × 1440) @ 25/30 fps; 1080P @ 25/30 fps; 720P @ 25/30 fps</p> <p>AHD Camera Input</p> <p>5MP(2560 × 1944) @ 20 fps; 4MP(2560 × 1440) @ 25/30 fps; 1080P @ 25/30 fps; 720P @ 25/30 fps</p> <p>HDCVI Camera Input</p> <p>3K(2880×1620) @ 25 fps; 5MP(2592 × 1944) @ 20 fps; 4MP(2560 × 1440) @ 25/30 fps; 1080P @ 25/30 fps; 720P @ 25/30 fps</p>
CVBS Input	PAL/NTSC
CVBS Output	1-ch, BNC (1.0 Vp-p, 75 Ω), resolution: PAL: 704 × 576, NTSC: 704 × 480
HDMI Output	1-ch, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz
VGA Output	1-ch, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz
Video Output Mode	HDMI/VGA simultaneous output
Audio Input	1-ch (up to 4-ch is optional), RCA (2.0 Vp-p, 1 KΩ), 4-ch via coaxial cable
Audio Output	1-ch, RCA (Linear, 1 KΩ)
Two-Way Audio	1-ch, RCA (2.0 Vp-p, 1 KΩ) (using the first audio input)
Synchronous Playback	4-ch
Recording	
Video Compression	H.265 Pro+/H.265 Pro/H.265/H.264+/H.264
Encoding Resolution	<p>When 1080p lite mode is not enabled: 3K lite/5 MP lite/4MP lite/1080p/720p/VGA/WD1/4CIF/CIF;</p> <p>When 1080p lite mode is enabled: 3K lite/5 MP lite/4MP lite/1080p lite/720p lite/VGA/WD1/4CIF/CIF</p>

Encoding Frame Rate	<p>Main stream:</p> <p>When 1080p lite mode not enabled:</p> <p style="padding-left: 40px;">For 3K stream access:</p> <p style="padding-left: 80px;">3K lite @12 fps;</p> <p style="padding-left: 80px;">4MP lite/1080p @15 fps;</p> <p style="padding-left: 80px;">720p/WD1/4CIF/VGA/CIF @ 20 fps</p> <p style="padding-left: 40px;">For 5MP stream access:</p> <p style="padding-left: 80px;">5MP lite @12fps;</p> <p style="padding-left: 80px;">4MP lite/1080p @15fps;</p> <p style="padding-left: 80px;">720p/WD1/4CIF/VGA/CIF @ 20 fps</p> <p style="padding-left: 40px;">For 4 MP stream access:</p> <p style="padding-left: 80px;">4 MP lite/1080p @15fps;</p> <p style="padding-left: 80px;">720p/WD1/4CIF/VGA/CIF @ 25 fps (P) /30 fps (N)</p> <p style="padding-left: 40px;">For 1080p stream access:</p> <p style="padding-left: 80px;">1080p/720p @15 fps;</p> <p style="padding-left: 80px;">VGA/WD1/4CIF/CIF @ 25fps (P) / 30 fps (N)</p> <p style="padding-left: 40px;">For 720p stream access:</p> <p style="padding-left: 80px;">720p/VGA/WD1/4CIF/CIF @ 25fps (P)/ 30 fps (N)</p> <p>When 1080p lite mode enabled:</p> <p style="padding-left: 40px;">3K lite/5MP lite@12fps;</p> <p style="padding-left: 40px;">4MP lite@15fps;</p> <p style="padding-left: 40px;">1080p lite/720p lite/VGA/WD1/4CIF/CIF @ 25 fps(P) / 30 fps(N)</p> <p>Sub-stream:</p> <p style="padding-left: 40px;">WD1/4CIF @12fps;</p> <p style="padding-left: 40px;">CIF@25fps (P)/30fps (N)</p>
Video Bit Rate	32 Kbps to 6 Mbps
Dual-Stream	Support main stream or sub stream
Stream Type	Video, Video & Audio
Audio Compression	G.711u
Audio Bit Rate	64 Kbps
Decoding	
Decoding Capability	Up to 2~4-ch 1080P@30fps
Network	
Remote Connection	32
Total Bandwidth	72 Mbps
Network Protocol	TCP/IP, PPPoE, DHCP, Guard Viewer, Hik-Connect, DNS, DDNS, NTP, SADP, NFS, iSCSI, UPnP™, HTTPS, ONVIF
Network Interface	1, RJ45 10/100 Mbps self-adaptive Ethernet interface
Wi-Fi	Connectable to Wi-Fi network by Wi-Fi dongle through USB interface
Interfaces/Ports	
SATA	1 SATA interface, up to 10 TB capacity for each disk
Serial Interface	RS-485 (half-duplex)
USB Interface	Front panel: 1 × USB 2.0; Rear panel: 1 × USB 2.0
Alarm In/Out	N/A (optional to support)

General	
Power Supply	12 VDC, 1.5 A
Consumption	≤ 18 W
Working Temperature	-10 °C to 55 °C (14 °F to 131 °F)
Working Humidity	10% to 90%
Dimension (W × D × H)	1U, 319 × 236 × 48 mm (12.6" × 9.3" × 1.9")
Weight	≤ 1.16 kg (2.6 lb)

Physical Interface



No.	Description	No.	Description
1	Video in	7	Audio out
2	USB interface	8	LAN network interface
3	Video out	9	Audio in
4	HDMI interface	10	RS-485 interface
5	VGA interface	11	12 VDC power input
6	Alarm in / alarm out	12	GND