



U20 SRX-Pro NVR Server

The U20 rack-mount chassis is made for durability and versatility. Its long life-cycle industrial motherboard is one its key benefits. The U20 SRX-Pro NVR Server features is 2U rack-mount chassis designed to handle multiple IP cameras and excellent data retention: it comes with 3 SATA hard drives bays. Each bay supports one 3.5" SATA hard drive of up to 18TB for a maximum of up to 54TB of video storage for outstanding video retention. Windows 10 IoT operating system comes on a Solid State Drive for added stability and fast boot-up times. Running on Intel i5 CPU, the U20 SRX-Pro NVR Server powers all its components with a 400W power supply.

The 2 NICs allow you to keep your IP cameras on a separate network via a Gigabit switch, such as i3 's S243 or S81, while accessing the Internet through the second NIC without impeding your network.

For video backup use the slim DVD recorder or the USB (on the front panel) for easy-to-use external USB storage.

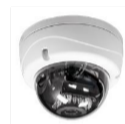
U20 comes preloaded with i3 's flagship SRX-Pro software and offers both the compact design and versatility at the same time.

For even longer video retention or recording capacity, i3 's iS416 external hard drive device can be purchased.

Hardware Configuration	
Chassis Type	U20 Series Rack/Wall mount, 2U
Physical dimensions (LxWxH inches/mm)	17½ x 17½ x 3½ inches / 440 x 440 x 90 mm
Min. Weight (lbs/kg)	22lbs / 10kg
Motherboard Type	DFI Industrial, i3 Edition
CPU	Intel - i5 (10th gen)
RAM	8GB
On-board Graphic Card	1 VGA (1080p), 1 HDMI (4K), 1 Display Port (4K)
Connectivity (LAN/WAN) (without HR16v2)	2 X 1Gb/sec
DVD/CD	No
Keyboard & Mouse	Yes
Number of Control Outputs / Sensor Inputs	NA (upgradable to 64 / 64 using 16 x UIO8)
Operating System	Windows 10 IoT
Operating System Drive	Solid State Drive OS
Power Supply	400W
Power Input	100-240 VAC, 50-60 Hz, (auto switch)
Power Consumption	150W
Operating Temperature	20°C - 25°C / 68°F - 77°F
Relative Humidity	< 80%, non-condensing
On-board Audio Card	Line Out/Mic
Analog Video Support	Yes, via HR16
Built-in PoE	No
Video Storage Configuration	
Maximum Number of HDD	3 (i3-approved WD models only)
SBB3 SATA Expansion	1 x SBB3
Maximum Hard Drive Capacity, unformatted	54TB (i3-approved WD models only)

Video Configuration	
IP Camera Inputs (Max)	1 ~ 48 (Max combination of licences Analog or IP 64 channels)
Analog Camera Inputs (Max) via HR16	1 ~ 48 (Max combination of licences Analog or IP 64 channels)
Highest Model Number (w/o analog support)	BP0048
Highest Model Number (w/ analog support)	BP4800
360° Fisheye IP Inputs (Max)	≤ number of purchased IP licenses
Backup Video / Snapshot Format	i3 Encrypted, AVI, BMP, or JPEG
Compression Types	Selectable h.265 / h.264 / MPEG4 / MJPEG
Main Monitor Output	1 Display Port (4K), 1 HDMI (4K), 1 VGA (1080p)
Screen Display	1, 4, 9, 10, 13, 16, 25, 36, 64 (selectable)
Third Party IP Camera Support	www.i3international.com/partners
Software Configuration	
Max. number of PACDM channels. Serial / TCP/IP	8 Serial / 16 TCP/IP (Optional)
Remote Viewing	Video Pilot Client (thick client), CMS Web Video Streaming (thin client), SRX-Pro Mobile App (iOS/Android), CMS Mobile (iOS/Android)
Pre-alarm/Post-alarm Recording	Yes
Recording Modes	Time/Date - with time zone ref., sensor, motion detection, continuous, analytics
Max. number of dDisplay channels	2 (Optional)
Max. number of Remote connections	50
CMS Health Monitoring	Optional
Warranty / Certifications	
Certifications	UL / ULc / FCC / CE
Warranty	3-year parts, 1 year labor

RELATED PRODUCTS



AX46DC
Ax46DC Door Count Camera



CMS-HMAP
Yearly Heatmap per Server



HDD1
HDD1 - 1TB WD Ultrastar Hard Drive



HDD10
HDD10 - 10TB WD Ultrastar Hard Drive



HDD12
HDD12 - 12TB WD Ultrastar Hard Drive



HDD14
HDD14 - 14TB WD Ultrastar Hard Drive



HDD18
HDD18 - 18TB WD Ultrastar Hard Drive



HDD4
HDD4 - 4TB WD Ultrastar Hard Drive



HDD6
HDD6 - 6TB WD Ultrastar Hard Drive



i3CB



www.i3international.com

1.866.840.0004

Canada Head Office

780 Birchmount Rd, Unit 16,
Toronto, ON M1K 5H4

i3 America (Nevada) Inc.

4001 Cobb International
Boulevard, Kennesaw GA 30152