







RideSafe Series and Mobile Cameras At-a-Glance

RIDESAFE XT SERIES IP TRANSIT NVRS AT-A-GLANCE







 	16 CHANNELS	12 CHANNELS	8 CHANNELS
	XT16 Series	XT12 Series	XT08 Series
Model Number	XT16 Series	XT12 Series	XT08 Series
Base Part Number	40369	40368	40367
IP Camera Support	Up to 16	Up to 12	Up to 8
PoE Ports	16	12	8
IP aggregate bit rate	200Mbps		
IP video compression	Video compression H.265, H.264 up to 4K resolution		
Video output	HDMI		
Audio inputs	Up to 2, unbalanced, 10kΩ, 1Vp-p typical		
Audio outputs	1, unbalanced, 600Ω, 1Vp-p		
Audio compression	Analog Audio Codec Linear PCM (LPCM), uncompressed, 16 bit/128kbps		
Local area network	10/100/1000Base-T Ethernet (2 x RJ-45)		
Camera network	10/100/1000Base-T Ethernet		
Operating system	Embedded Linux		
Alarm inputs	6 inputs, transient/surge protected, dry contact, current loop (Molex)		
relay outputs	Contact rating max 2A/220VDC/60W		
Local control	Yes		
Status tag module	Supports 2		
Internal hard drives	1 or 2 2.5" SSDs		
Max SSD	Up to 4TB		
Max SSD storage	Up to 8TB		
Peripheral data	3 USB, ignition switch, accelerometer		
Removable caddy	Removable 2 drive capacity, lockable, J1455 shock and vibration drive encasement, automatic cessation on removal		
Dimensions	Recorder (HxWxD) 4.05x13.38x12.7in/10.3x34.0x32.3cm Caddy (HxWxD) 2.14x4.56x6.37in/5.45x11.6x16.2cm		
Operating temperature	-13° to 131°F / -25° to 55°C		
Ingress protection	Compliant to IP65 for Ingress Protection (dust and water) with optional back plate, depending on model		
Regulatory approvals	EN55032, BS EN55032, CISPR32, AS/NZS CISPR32, EN55035, BS EN55035, FCC Part 15, ICES-003, EN50130-4, BS EN50130-4, EN62368-1, CSA/UL62368-1		
Intelligent automotive power supply (J1455 compliant)	SAEJ1455		
Weight	15-17 lbs / 6.8 to 7.7 kg, depending on configuration		
Battery backup	Brown-out protection, systematic shutdown, hardware/software watchdog, delayed shutdown failsafe		
Mounting Options	Wall-mount, or shelf-mount with side brackets		
Front Panel QR Code	Yes, contains useful information about the recorder, such as model number and serial number.		

RIDESAFE GT SERIES HYBRID TRANSIT NVRS AT-A-GLANCE

 	20 CHANNELS	16 CHANNELS	12 CHANNELS	8 CHANNELS
	GT20 Series	GT16 Series	GT12 Series	GT08 Series
Model Number	GT20 Series	GT16 Series	GT12 Series	GT08 Series
Base Part Number	29805	29804	29803	29802
Analog Inputs	8	8	8	8
PoE Ports	12	8	4	8 (via external PoE switch)
Ability to add PoE modules/IP capacity*	No	Yes (1 four-port PoE module)	Yes (up to 2 four-port PoE modules)	Yes (up to 3 four-port PoE modules)
Total IP channels supported (with external PoE switch)	20	16	12	8
IP Performance	80 Mbps	60 Mbps	48 Mbps	36 Mbps
Analog Performance	30 fps @ D1 (4CIF/2CIF/CIF)	30 fps @ D1 (4CIF/2CIF/CIF)	30 fps @ D1 (4CIF/2CIF/CIF)	30 fps @ D1 (4CIF/2CIF/CIF)
Analog Compression	H.264	H.264	H.264	H.264
Local Area Network	10/100/1000Base-T Ethernet (RJ-45)			
Camera Network (up to 12 ports)	10/100Base-T Ethernet, IEEE 802.3af PoE Class 2 (RJ-45)	10/100Base-T Ethernet, IEEE 802.3af PoE Class 2 (RJ-45)	10/100Base-T Ethernet, IEEE 802.3af PoE Class 2 (RJ-45)	N/A
Max IP Resolution (1080p, 30 fps minimum, up to 5MP)	5MP	5MP	5MP	5MP
Analog Resolution	CIF/2CIF/4CIF			
Operating System	Embedded Linux			
Alarm Inputs/Relay Outputs	6/1			
Status Tag Module	Supports 2			
Audio Inputs/Outputs	4/1	4/1	4/1	4/1
Local Control	Yes (IP Camera Capable)			
Video Output	Composite and HDMI			
Max SSD	2			
Max SSD Storage	8TB	4TB		2TB
Storage Redundancy	Mirroring (reduces throughput)			
Peripheral Data	5 USB, 1 RS-232 (for GPS), ignition switch, accelerometer			
Removable Caddy with up to 2 drives	Lockable, J1455 encasement			
Dimensions	Recorder (HxWxD): 4.05 x 15.24 x 11.21 in / 10.28 x 38.71 x 28.47 cm / Caddy (HxWxD): 2.45 x 4.13 x 7.65 in / 6.22 x 10.49 x 19.43 cm			
Operating Temperature (with integrated heater)	HDD-equipped: -13° to 122°F (-25° to 50°C) / SSD-equipped: -13° to 131°F (-25° to 55°C)			
Ingress Protection	IP40			
Regulatory Approvals	EN55022, FCC Part 15, EN50130-4, SAE J1113, CISPR25, 2004/104/EC, EN60950-1, CSA/UL 60950-1, SAE J1455, MIL-STD-810F			
Intelligent Automotive Power Supply (J1455 compliant)	9-36VDC input. Can support 7VDC for load dump transients. Reverse battery and electrolyte boil-off protection.			
Weight (dependant on caddy configuration)	15-17 lbs (6.8-7.7 kg)			
Battery Backup	Yes			
Mounting Options	Wall-mount, shelf-mount, rack mount			
Front Panel QR Code	Contains useful information about the recorder, such as model number and serial number. When the code is scanned using the March Networks® GURU smartphone application, you can check warranty status, initiate an express RMA, get in-field diagnostics support, review and change recorder IP addresses, register/unregister from the Enterprise Service Manager, conduct on-board asset tracking, and go through SSH to view storage information			

*Additional IP channel usage above resident PoE ports reduces the number of analog channels supported

MOBILE CAMERAS AT-A-GLANCE

	SE2 FLEET DASH CAMERA	SE2 FLEET WEDGE CAMERA	MOBILE VA4 IR MCDOME	VA5 IR 360 CAMERA	MOBILE IR WEDGE CAMERA	MOBILE IR MICRODOME
					 available in black or white housing	
Part Number	38313-101: 4.0mm lens, RJ45 PoE 38313-102: 4.0mm lens, M12 PoE	38309-102: 4.6mm fixed lens, (RJ45) 38309-104: 4.6mm fixed lens, (M12) 38309-114: 2.8mm fixed lens, (RJ45)	39368-101: 2.8mm lens (RJ45) 39368-102: 4.0mm lens (RJ45) 39368-103: 2.8mm lens (M12) 39368-104: 4.0mm lens (M12)	41105-101: RJ45 PoE 41105-102: M12 PoE	WHITE HOUSING 31318-101: 2.9mm lens 31320-101: 3.6mm lens BLACK HOUSING 31314-101: 2.9mm lens 31315-101: 3.6mm lens	30077-101: 2.9mm lens 30078-101: 3.6mm lens 30079-101: 4.3mm lens 30080-101: 6.0mm lens
Image Sensor	1/2.8" CMOS	1/2.8" CMOS	1/3" CMOS	1/2.7" CMOS	1/3" CMOS	1/3" CMOS
Lens	4mm F1.6 fixed lens	2.8mm or 4.6mm F2.0 fixed lens	2.8mm (F2.0) or 4mm (F2.1), fixed focal	360°, 1.1mm, F 2.4, fixed focus, fixed Iris, fisheye	2.9 or 3.6mm, F1.2 fixed lens	2.9, 3.6, 4.3 or 6.0mm, F1.2 fixed lens
Field of View	4.0mm lens: 88°	2.8mm lens: 117° 4.6mm lens: 77°	2.8mm lens: 100° 4.0mm lens: 60°	197° horizontal; 197° vertical	2.9mm lens: 96° 3.6mm lens: 81.9°	2.9mm lens: 96° 3.6mm lens: 81.9° 4.3mm lens: 62.1° 6.0mm lens: 40.1°
Pan/Tilt/Rotation	Tilt -88° to +88°	Horizontal: -12.5° to +12.5° (gimbal rotates 360° and moves up and down)	Pan 350°, Tilt 160°, Rotation -100° to 100°	Fixed	Tilt 25° to 65°	Pan 360°, Tilt 0 to 90°
Day/Night	Automatic IR cut filter	Automatic IR cut filter	Automatic IR cut filter	Automatic IR cut filter	Automatic IR cut filter	Automatic IR cut filter
IR Capabilities	N/A	N/A	Wavelength: 850nm Distance: 49 feet (15m)	N/A	IR LEDs with on/off switch	High powered IR LEDs with on/off switch
Minimum Illumination	Color: 0.12 lux	Color: 0.12 lux	Color: 0.08 lux B/W: 0.008 lux B/W with IR: 0 lux	Color: 0.248 lux B/W: 0.052 lux B/W with IR: 0 lux	Color: 0.16 lux B/W: 0.08 lux B/W with IR: 0 lux	Color: 0.16 lux B/W: 0.08 lux B/W with IR: 0 lux
High Dynamic Range (HDR)	Yes	Yes	Yes	Yes	Yes	Yes
Video Compression	H.265, H.264, M-JPEG	H.265, H.264, M-JPEG	H.265, H.264, M-JPEG	H.265, H.264, M-JPEG	Analog	Analog
Resolution	2MP	2MP	4MP	5MP	650 TVL Horizontal	650 TVL Horizontal
Frame Rate	30 fps @ 2MP	30 fps @ 2MP	15 fps @ 4MP	Up to 30 fps @ 5MP	30 fps NTSC, 25 fps PAL	30 fps NTSC, 25 fps PAL
Audio Support	None	None	Embedded Mic	Embedded Mic	None	None
Alarm Inputs/Outputs	None	None	1/1	None	None	None
Video Analytics	None	None	Video motion detection, active tampering alarm, abandoned object, loitering detection, tripwire, intrusion detection, object removal	Video motion detection, active tampering alarm, abandoned object, loitering detection, tripwire, intrusion detection, object removal	None	None
Power	PoE (802.3 af, class 0)	PoE (802.3 af, class 0)	PoE (802.3 af, class 0); 12VDC	PoE (802.3 af)	12VDC	12VDC
Internal Storage	MicroSD/MicroSDHC/MicroSDXC card slot	MicroSD/MicroSDHC/MicroSDXC card slot	MicroSD/MicroSDHC/MicroSDXC card slot	MicroSD	None	None
Dimensions	9.4 H x 4.2 W x 3.1 D in (23.8 H x 10.7 W x 7.8 D cm*)	2.8 H x 4.8 W x 6.3 D in (7.16 H x 12.11 W x 16.06 D cm)	2.56 H x 4.13 D in (6.5 H x 10.5 D cm)	2.3 H x 5.1 D in (5.8 H x 12.9 D cm)	3.35 H x 3.46 W x 4.88 D in (8.52 H x 8.78 W x 12.40 D cm)	2.34 H x 1.71 D in (5.95 H x 4.35 D cm)
Environmental	-13° to 131°F (-25° to 55°C)	-13° to 131°F (-25° to 55°C)	-22° to 140°F (-30° to 60°C)	-40° to 131°F (-40° to 55°C)	-4° to 140°F (-20° to 60°C)	-4° to 140°F (-20° to 60°C)
Vandal-Resistant (IK10)	Yes	Yes	Yes	Yes	Yes	Yes
Mounting Options	Ceiling mount, dash mount	Surface mount (dash, wall, ceiling, side)	Surface Mount (dash, wall, ceiling)	Surface mount (dash, wall, ceiling, side)	Surface mount (dash, wall, ceiling)	Surface mount, flush mount (dash, wall, ceiling)

* Dimensions include extender
bracket that ships with camera

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3-year warranty on all recorders:

- Options for Repair & Return or Advance Replacement
- March Networks incurs all shipping costs—both ways—for AR's
- All recorder components are covered, including HDDs