



# RIDESAFE GT SERIES HYBRID TRANSIT NVRS AT-A-GLANCE

	20 CHANNELS	16 CHANNELS	12 CHANNELS	8 CHANNELS
 				
<b>Model Number</b>	GT20 Series	GT16 Series	GT12 Series	GT08 Series
<b>Base Part Number</b>	29805	29804	29803	29802
<b>Analog Inputs</b>	8	8	8	8
<b>PoE Ports</b>	12	8	4	8 (via external PoE switch)
<b>Ability to add PoE modules/IP capacity*</b>	No	Yes (1 four-port PoE module)	Yes (up to 2 four-port PoE modules)	Yes (up to 3 four-port PoE modules)
<b>Total IP channels supported (with external PoE switch)</b>	20	16	12	8
<b>IP Performance</b>	80 Mbps	60 Mbps	48 Mbps	36 Mbps
<b>Analog Performance</b>	30 fps @ D1 (4CIF/2CIF/CIF)	30 fps @ D1 (4CIF/2CIF/CIF)	30 fps @ D1 (4CIF/2CIF/CIF)	30 fps @ D1 (4CIF/2CIF/CIF)
<b>Analog Compression</b>	H.264	H.264	H.264	H.264
<b>Local Area Network</b>	10/100/1000Base-T Ethernet (RJ-45)			
<b>Camera Network (up to 12 ports)</b>	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
<b>Max IP Resolution (1080p, 30 fps minimum, up to 5MP)</b>	5MP	5MP	5MP	5MP
<b>Analog Resolution</b>	CIF/2CIF/4CIF			
<b>Operating System</b>	Embedded Linux			
<b>Alarm Inputs/Relay Outputs</b>	6/1			
<b>Status Tag Module</b>	Supports 2			
<b>Audio Inputs/Outputs</b>	4/1	4/1	4/1	4/1
<b>Local Control</b>	Yes (IP Camera Capable)			
<b>Video Output</b>	Composite and HDMI			
<b>Max SSD</b>	2			
<b>Max SSD Storage</b>	8TB	4TB		2TB
<b>Storage Redundancy</b>	Mirroring (reduces throughput)			
<b>Peripheral Data</b>	5 USB, 1 RS-232 (for GPS), ignition switch, accelerometer			
<b>Removable Caddy with up to 2 drives</b>	Lockable, J1455 encasement			
<b>Dimensions</b>	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			
<b>Operating Temperature (with integrated heater)</b>	HDD-equipped: -13° to 122°F (-25° to 50°C) / SSD-equipped: -13° to 131°F (-25° to 55°C)			
<b>Ingress Protection</b>	IP40			
<b>Regulatory Approvals</b>	EN55022, FCC Part 15, EN50130-4, SAE J1113, CISPR25, 2004/104/EC, EN60950-1, CSA/UL 60950-1, SAE J1455, MIL-STD-810F			
<b>Intelligent Automotive Power Supply (J1455 compliant)</b>	9-36VDC input. Can support 7VDC for load dump transients. Reverse battery and electrolyte boil-off protection.			
<b>Weight (dependant on caddy configuration)</b>	15-17 lbs (6.8-7.7 kg)			
<b>Battery Backup</b>	Yes			
<b>Mounting Options</b>	Wall-mount, shelf-mount, rack mount			
<b>Front Panel QR Code</b>	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







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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

# MOBILE CAMERAS AT-A-GLANCE

	MOBILE HDR FORWARD FACING CAMERA	MOBILE HDR WEDGE CAMERA	MOBILE SE4 IR MICDOME	ONCAM EVO-05 MINI 360° CAMERA	MOBILE IR WEDGE CAMERA	MOBILE IR MICRODOME
		 available in black or white housing		 available in black or white housing	 available in black or white housing	
<b>Part Number</b>	32049: RJ45 PoE, 4.0mm lens 32111: M12 PoE, 6.0mm lens	33134-111 or -112: 2.8mm lens, M12 PoE 33134-103 or -104: 3.6mm lens, M12 PoE 33134-107 or -108: 6mm lens, M12 PoE 33134-109 or -110: 2.8mm lens, RJ45 PoE 33134-101 or -102: 3.6mm lens, RJ45 PoE 33134-106 or -106: 6mm lens, RJ45 PoE	37431-101: RJ45 PoE, 2.8mm lens 37431-102: RJ45 PoE, 4.0mm lens 37431-103: M12 PoE, 2.8mm lens 37431-104: M12 PoE, 4.0mm lens	34460-102: RJ45 PoE, black 34460-101: RJ45 PoE, white 34463-102: M12 PoE, black 34463-101: M12 PoE, white	31314: 2.9mm lens, black 31318: 2.9mm lens, white 31315: 3.6mm lens, black 31320: 3.6mm lens, white	30077: 2.9mm lens 30078: 3.6mm lens 30079: 4.3mm lens 30080: 6.0mm lens
<b>Image Sensor</b>	1/2.8" CMOS 3MP	1/2.8" CMOS 3MP	1/3" CMOS 4MP	1/2.5" CMOS 3MP	1/3" CMOS WDR	1/3" CMOS WDR
<b>Lens</b>	4mm or 6mm, F1.6 fixed lens	2.8, 3.6 or 6mm, F2.0 fixed lens	2.8mm (F2.0) or 4mm (F2.1), fixed focal	185°, F1.2	2.9, 3.6, 4.3 or 6.0mm, F1.2 fixed lens	2.9, 3.6, 4.3 or 6.0mm, F1.2 fixed lens
<b>Field of View</b>	4.0mm lens: 76° horizontal 6.0mm lens: 51° horizontal	2.8mm lens: 100° horizontal 3.6mm lens: 88° horizontal 6mm lens: 51° horizontal	2.8mm lens: 100° 4.0mm lens: 60°	180° horizontal; 168° 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°
<b>Camera Angle Adjustment</b>	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°
<b>Day/Night</b>	Street light color mode	Street light color mode	IR LED	Color only	Yes	Yes
<b>IR Capabilities</b>	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
<b>Minimum Illumination</b>	Color: 0.12 Lux @ F1.6	Color: 0.12 Lux @ F2.0	Color: 0.1 lux; B/W: 0.01 lux; IR on: 0.0 lux	0.2 Lux @ F2.0	Color: 1.9 lux @ F1.2 B/W: 0.08 lux @ F1.2 With IR: 0 lux @ F1.2	Color: 1.9 lux @ F1.2 B/W: 0.08 lux @ F1.2 With IR: 0 lux @ F1.2
<b>Dynamic Range</b>	Multi-exposure HDR	Multi-exposure HDR	Multi-exposure HDR	WDR	>58dB	>58dB
<b>Video Compression with Multi-Streaming</b>	H.264 (MPEG-4 Part 10/AVC)	H.264 (MPEG-4 Part 10/AVC)	H.264, M-JPEG	H.264, M-JPEG	Analog	Analog
<b>Resolution</b>	3MP; 2048 x 1536 to 352 x 288	3MP; 2048 x 1536 to 352 x 288	4MP; 2688 (H) x 1520 (V)	5MP; 2592 (H) x 1944 (V)	650 TVL Horizontal	650 TVL Horizontal
<b>Frames per Second</b>	30 fps in all resolutions	30 fps in all resolutions	30 fps in all resolutions	30 fps for 1MP and 1/4MP resolution 15 fps for 2MP resolution 10 fps for full resolution	30 fps NTSC, 25 fps PAL	30 fps NTSC, 25 fps PAL
<b>Audio Support</b>	None	None	One-way, embedded microphone	None	None	None
<b>Alarm Support</b>	None	None	None	None	None	None
<b>Intelligent Video</b>	None	None	Motion detection, active tampering, privacy zones	Motion detection, privacy zones	None	None
<b>Power</b>	PoE Class 3	PoE Class 3	PoE Class 0; 12VDC	PoE	12VDC	12VDC
<b>Internal Storage</b>	microSDXC	microSDXC	SDXC	microSD	None	None
<b>Dimensions</b>	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)	2.7 H x 4.7 D in (6.9 H x 11.9 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)
<b>Environmental</b>	-13° to 131°F (-25° to 55°C) Interior, IP67, J1455, EN50155, Built-in heater	-13° to 131°F (-25° to 55°C) Exterior, IP67, J1455, EN50155, Built-in heater	-22° to 131°F (-30° to 55°C) Interior, IP66, J1455, EN50155	-40° to 131°F (-40° to 55°C) Interior, IP66, EN50155	-13° to 131°F (-25° to 55°C) Interior or exterior, IP66, J1455	-3° to 131°F (-20° to 55°C) Interior, IP66, J1455
<b>Vandal-Resistant</b>	IK10	IK10	IK10	IK10	Yes	Yes
<b>Mounting Options</b>	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