

Hydra^{IP} Accessories

The Hydra^{IP} Accessories are compatible with the mobile video recorders Hydra^{IP} MR4410, MR4610, MR4840.

Removable Storage Media

Removable storage media for Hydra^{IP} video recorders. Available as standard and railway version (on demand).

	Article versions	Article number
	Storage Media: Hydra ^{IP} SM4100 1 TB (HDD, -5...70°C)	VPV300142
	Storage Media: Hydra ^{IP} SM4100 2 TB (HDD, -5...70°C)	VPV300133
	Storage Media: Hydra ^{IP} SM4200 500 GB (SSD, -5...70°C, Rev2)	VPV300183
	Storage Media: Hydra ^{IP} SM4200 1 TB (SSD, -5...70°C, Rev2)	VPV300184
	Storage Media: Hydra ^{IP} SM4200 2 TB (SSD, -5...70°C, Rev2)	VPV300185
	Storage Media: Hydra ^{IP} SM4200 4 TB (SSD, -5...70°C, Rev2)	VPV300195

Hydra^{IP} SmartKey

The Hydra^{IP} SmartKey is an electronic key for storage media removal from the Hydra^{IP} video recorders. Available in two security level versions: CUSTOM key or STANDARD key. The included battery allows storage media removal even if the video system is in current less state.

	Article versions	Article number
	Electronic Key: Hydra ^{IP} SmartKey HK3920 (Standard)	VPV300047

Mounting bracket

The mounting brackets allows the easy installation and removal of Hydra^{IP} devices. The mounting bracket is not part of the delivery content and must be ordered separately.

	Article versions	Article number
	Mounting bracket: Hydra ^{IP} MP100 (100 mm x 170 mm) for MR4410, MR4610, MR4840	VZ6200022
	Mounting bracket: Hydra ^{IP} MP1820 (incl. locking mechanism) for ESW1820 (Rev. A), ESW2828	VZ6300029



Analysis station Hydra^{IP} USB-TTU 3

Analysis station for Hydra^{IP} storage media is used to view and analyse the video data.

	Article versions	Article number
	Analysis station: Hydra ^{IP} USB-TTU 3	VPV300095


External modules

External modules for functional extension of the HydralP recording systems. Available are the module GPIO4210 for additional digital switching In- and outputs and the module KM4111 for functional extension with GPS analysis (GNSS, GPS) and data transmission via WLAN and 4G.

	Article versions	Article number
	External module: HydralP GPIO4210	VPV300044
	External module: HydralP KM4111 (Rev3) (WLAN, 4G, GPS)	VPV300169




Network Switches

Unmanaged network switches, PoE and non-PoE version

	Article versions	Article number
	Ethernet Switch: HydralP ESW1820 (Rev. A) Ethernet Switch: HydralP ESW2828	VPV300063 VPV300094


HydralP Monitors

Monitors manufactured by DResearch for various applications

	Article versions	Article number
	Monitor: HydralP MM1200 10.4 (road, bottom mount) Monitor: HydralP MM1200 10.4 (road, top mount)	VPV300132 VPV300156
	Monitor: HydralP MM1010 10.1 (road)	VPV300086
	Monitor: HydralP MM2010 10.1 T (road)	VPV300130

HydraIP Cameras

Cameras manufactured by DResearch for various applications

	Article versions	Article number
	Camera: HydraIP MDC2100 2.8 (Rev2) (83° H, road) Camera: HydraIP MDC2100 3.6 (Rev2) (73° H, road)	VPV300172 VPV300171

HydraIP Adapter

Adapters for HydraIP devices

	Article versions	Article number
	Adapter: CONTROL (MR4xxx, road)	VZK300114
	Adapter: CONTROL (MR4xxx, road)	VZK300242
	Adapter: GPIO 500 mm (MR4xxx, rail) Adapter: GPIO (MR4xxx, road)	VZK300042 VZK300129
	Adapter: Externe Module (MR4xxx, road)	VZK300146
	Adapter: Power Supply 12 VDC (MRxxxx, road)	VZK200092
	Adapter: Power supply 24 VDC (HydraIP ESW1820, road & rail)	VZK300141
	Adapter: Power supply 24 VDC (HydraIP ESW282x)	VZK300205

Adapters and Plugsets

Plugsets and adapters for HydraIP devices

Article versions	Article number
Adapter: FME/m – FAKRA/f	VZX300035
Adapter: BNC/f – FAKRA/f	VZX300042
Adapter: MiniDIN/m – BNC/f + AMP 2pol/m	VZK300176
Adapter: FAKRA/m Typ C – SMA/m (15 cm)	EEK300363
Adapter: FAKRA/f Typ C – FME/m – (20 cm)	EEK300362

Article versions	Article number
Product set: Connector, vehicle side, 8 pcs, 2 pin female	VZK300151
Product set: BNC Connector, vehicle side, 7 pcs, 75 Ohm R6179/187	VZK300152
Product set: Cable/Adapter Standard (MR4xxx) - max. 4 cameras	VZK300153
Plug set: CONTROL-16	VZK200085
Plug set: CONTROL (MR4xxx)	VZK300135
Plug set: GPIO incl. 2 x 12 VDC	VZK200086
Plug set: GPIO without 12 VDC	VZK300007
Plug set: Power supply 12 VDC (camera analog)	VZK200025
A selection of single plugs and suitable wire material is available on demand	

Antennas

Antennas for 4G, LTE, WLAN, and/ or GPS data transfer

Article versions	Article number
Antenna: GS-ANT-13-L92-3M-FAK (4G/LTE/WLAN/GPS, roof, FAKRA, 3 m, road)	VZX300053
Antenna: GS-ANT-13-L92-5M-FAK (4G/LTE/WLAN/GPS, roof, FAKRA, 5 m, road)	VZX300055
Antenna: CGW 70 26 59 SF S / 5 (4G/LTE/WLAN/GPS, roof, FAKRA, 5 m, road)	VZX300048
Antenna: CGW 70 26 59 SF S / 3 (4G/LTE/WLAN/GPS, roof, FAKRA, 3 m, road)	VZX300058
Antenna: 3742.02 (4G/LTE/GPS, roof, FAKRA, 20 cm, road)	VZX300034
Antenna: OmPlecs® 30 WA 1500 (GPS, window, FAKRA, 3 m)	VZX300054
Antenna: GPS 10 P (GPS, window, FAKRA, 3 m)	VZX300044
Antenna: CEL 70-26 (LTE, window, FAKRA, 3 m)	VZX300046
Antenna: MCA 24000 PA/Fakra Z/2.0 (Wlan-Bluetooth) 2m	VZX300053
Antenna: OmPlecs® Top 200 AMR MF-04-5- (4G/LTE/WLAN/GPS, roof, rail)	VZX300043
Antenna: 87010003 (3G/WLAN/GPS, roof, rail)	VZX300005
Antenna: 87010023 (4G/LTE/WLAN/GPS, roof, rail)	VZX300056
More antenna models are available on demand	

Information refers to the current state and may be subject to unannounced changes.

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