

### General product features

- Plug and play camera interface
- Own on-screen display and setup
- No coding necessary
- 1 rear-view camera input
- 1 front camera input
- 2 trigger outputs (+12V max. 1A), separately adjustable switching events
- Automatic switching to rear-view camera input on engagement of reverse gear from all operation modes
- Automatic switching to front camera on parking maneuver, automatic return at 20km/h
- Manual switching to rear-view camera
- Manual return from rear-view and front camera (cancellation of automatic switching)
- Compatible with all factory video accessories (e.g. rear-view camera, TV-tuner)
- USB update-port for software-updates by consumer

| brand/ make   | compatible vehicles   | compatible navigation  | LVDS connector                       | min SW   | product code  | special  |                                    |
|---|---|--|--------------------------------------|----------|---|--|------------------------------------|
| BMW   | 1series (E81/82/87/88), 3series (E90/91/92/93), 5series (E60/61), 6series (E63/64), X5 (E70), X6 (E71), Mini from approx 10/2006 til approx 08/2010   | CCC, M-ASK, Radio 6.5" or 8.8" monitor   | 10pin BMW                            | 1.1.6    | V5-CCC<br>V5C-M631 + V5C-UNIO1<br>+ V4C-LVD510<br><br>V5-CCC-PNP<br>V5C-M631 + V5C-UNIO1<br>+ V4C-LVD510 + TV-BMW01   | Non Plug & Play<br><br>Plug & Play   |                                    |
|   | 1series (E81/82/87/88), 3series (E90/91/92/93), 5series (E60/61/), 6series (E63/64), X1 (E84), X5 (E70), X6 (E71), Z4 (E89) with 8-button iDrive, Mini from approx 09/2010 with 2-button iDrive | CIC, M-ASK, CHAMP - E-series 6.5" or 8.8" monitor  | 4pin HSD                             | 1.0.5    | V5-CIC-E<br>V5C-M636 + V5C-UNIO1<br>+ CAB-HSD-DD075-O + CAB-HSD-ML060-OZ<br><br>V5-CIC-E-PNP<br>V5C-M636 + V5C-UNIO1 + TV-BMW01<br>+ CAB-HSD-DD075-O + CAB-HSD-ML060-OZ | Non Plug & Play<br><br>Plug & Play   |                                    |
|   | 5series (F10/11), 6series (F12/F13), 7series (F01/F02), GT5 (F07) with 8-button iDrive  | CIC, M-ASK, CHAMP - F-series 6.5", 7" or 10.25" monitor  | 4pin HSD                             | 1.0.5    | V5-CIC-F<br>V5C-M636 + V5C-UNIO2<br>+ CAB-HSD-DD075-O + CAB-HSD-ML060-OZ<br><br>V5-CIC-F-PNP<br>V5C-M636 + V5C-UNIO2 + TV-BMW01<br>+ CAB-HSD-DD075-O + CAB-HSD-ML060-OZ | Non Plug & Play<br><br>Plug & Play   |                                    |
|   | All 1series (F20/F21), all 3series (F30/F31/F32/F33), all other F-series vehicles from approx 06/2012, Mini Paceman 2014  | NBT and smaller HU - F-series 6.5", 7", 8.8" or 10.25" monitor   | 4+2pin HSD2                          | 1.0.6    | V5-NBT<br>V5C-M637 + V5C-UNIO1<br>+ CAB-HSD2-RR148<br><br>V5-NBT-PNP<br>V5C-M637 + V5C-UNIO1 + TV-BMW01<br>+ CAB-HSD2-RR148   | Non Plug & Play<br><br>Plug & Play   |                                    |
|   | Mercedes  | A-class (W176) from 07/2012 up to 08/2015 , B-class (W246) from 11/2011 up to 10/2015, C-class (W204) from 03/2011 , C-class Coupe (C204) from 06/2011 , CLA-Coupe (C117) from 01/2013, CLS-Coupe (C218) from 06/2011 , E-class (S/W212) from 06/2011 til about 10/2014 , E-class Coupe (C207) from 06/2011, G-model (G463) from 07/2012 , GL-class (X166) from 11/2012 , GLA-class (X156) from 09/2013, GLK-class (W204) from 01/2011 , ML-class (W166) from 11/2011, SLK-class (R172) from 03/2011, SLK-class (R231) from 2012 | Comand Online NTG4.5, Audio20 NTG4.5 | 4pin HSD | 1.0.0   | V5-NTG45<br>V5C-M613 + V5C-UNIO1<br>+ CAB-HSD-MR-060-OZ + CAB-HSD-DD075-O<br><br>V5-NTG45-PNP<br>V5C-M613 + V5C-MBN45 + V5C-UNIO1<br>+ CAB-HSD-MR-060-OZ + CAB-HSD-DD075-O | Non Plug & Play<br><br>Plug & Play |
| A-class (W176) from 09/2015, B-class (W246) from 11/2014, C-class (W205), C-class Coupe (C202) from 2015, CLA-Coupe (C117) from ca. 10/2014, CLA-Shooting B (X117) from 03/2015, CLS-Coupe (W218) from ca. 08/2014, CLS Shooting B (X218) from ca. 08/2014, E-class (S/W212) from ca. 11/2014, E-class Coupe (C207) from ca. 06/2015, GLA-class (X156) from 09/2015, GLC-class (X253), GLE-class (C292), ML-class (W166) from 08/2015, V-class (W447) from 2014 |   | Comand Online NTGS-205/NTGS.1, Audio20 CD NTGS-205/NTGS.1, Audio20 USB NTGS-205/NTGS.1   | 4pin HSD                             | 1.0.0    | V5-NTG5<br>V5C-M625 + V5C-UNIO1<br>+ CAB-HSD-MF100 + CAB-HSD-FF150<br><br>V5-NTG5-PNP<br>V5C-M625 + TV-MBN5 + V5C-UNIO1<br>+ CAB-HSD-MF100 + CAB-HSD-FF150              | Non Plug & Play<br><br>Plug & Play   |                                    |
| Key min SW  |   | Minimum software which the black-box should have to match the latest know vehicle software.  |                                      |          |   |  |                                    |